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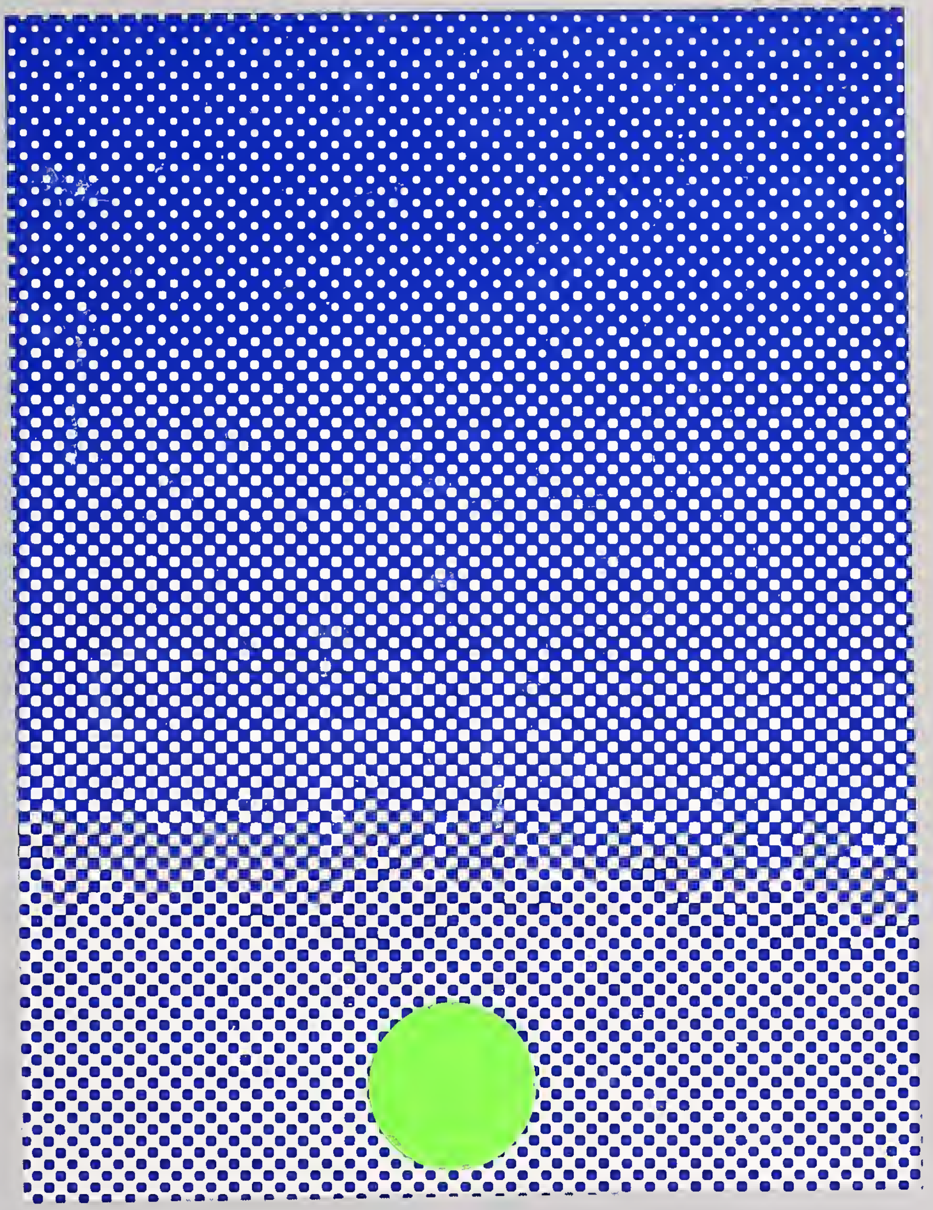

Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming

Region VIII

U.S. Department of Health and Human Services
Health Care Financing Administration

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MEDICARE HOSPITAL MORTALITY INFORMATION

1987

COLORADO, MONTANA, NORTH DAKOTA,

SOUTH DAKOTA, UTAH, WYOMING

REGION VIII

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SECRETARY
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

WILLIAM L. ROPER, M.D.
ADMINISTRATOR
HEALTH CARE FINANCING ADMINISTRATION

The Health Care Financing Administration (HCFA) was established on March 9, 1977, to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 56 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

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TECHNICAL APPENDIX A-1

INTRODUCTION

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, now has 31 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. We believe that the publication of the Medicare hospital mortality information contained in this document will contribute to that end.

This particular information release presents information to answer the question: "What is the actual death rate for each hospital compared to what would have been expected for that particular hospital, given what we know of the characteristics of patients admitted?" The statistics are presented in the hope that they will serve the public and the hospitals in their common interest of improving quality of care.

The development of mortality statistics is a complicated and controversial task, since the mortality rate at a given hospital may reflect, among other factors, age, sex, diagnosis, and severity of illness of patients admitted to that hospital, as well as the purpose and quality of the care they received. Characteristics affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations will vary.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted and the stability of these rates over time for each hospital. It is important to understand that the difference between the hospital's mortality rate and the predicted values in the tables contained in this document may not be a direct measure of the quality of care rendered in hospitals. There is one primary reason for this: we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals might have very different death rates for patients admitted for stroke, even after we have adjusted for age and sex. This might happen because one hospital's stroke patients consist of a significant number admitted in a coma and are thus more likely to die, whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support) and overall health status are not included in the predictive model because information on them is not readily available.

When properly understood and used, this information can be useful; it can also be very misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care, and is best used to view experience in individual hospitals rather than making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We asked each hospital to prepare its comments on the information being released to the public, and we are including those comments in this publication.

This information is an important contribution to the health care community and should be reviewed by a wide range of individuals and organizations including hospital administrators, Peer Review Organizations, physicians, and researchers. Among these audiences, perhaps the hospital administrator will find the information most useful--as a screening tool and in consulting with medical staff to evaluate a hospital's strengths and weaknesses. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed. For example, we expect that hospitals and their medical staffs, using established and newly emerging quality assessment techniques, will try to determine what useful information can be derived about their hospitals and how they function.

Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided, and should consider carefully the different roles that different hospitals play in their community. For example, one hospital might have different death rates than another because it serves more severely ill patients or because it is a trauma or emergency center.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we continue to believe that the models used in this work are reasonable and appropriate for the intent of the publication.

This year we made three significant changes in the way in which we presented this information:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on this year's methodology.

- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files.

- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices.

During our discussions with the experts, it was further recommended that we concentrate our efforts this year on validation of the data. Therefore, we have undertaken the following validation studies targeted to coincide with this year's release of the Hospital Mortality Information:

- HCFA is engaged in a statistical evaluation of the Hospital Mortality Information using clinical data abstracted by MediQual Systems, Inc. from over 40,000 medical records from a carefully selected sample of hospitals. The data consist of clinical characteristics of Medicare patients as ascertained in the first 48 hours of hospitalization, and include data from the patient history and preadmission findings, to permit assessment of the severity of illness at admission and its impact upon mortality. The validation consists of a comparison of the results of the mortality rate analyses with and without the adjustments for patient severity permitted by the specially obtained clinical data. This will allow conclusions about the extent to which patient severity impacts the mortality rates. Hospitals which participated in this study have done so voluntarily. HCFA has shared hospital specific results with each facility from which medical records were abstracted.

- We will be comparing results of the mortality rate analyses with the results found by all Peer Review Organizations (PROs) in applying HCFA's Generic Quality Screens to cases reviewed as a part of ongoing PRO review activities. The purpose of this particular validation effort is to determine the extent to which an alternative presumed measure of quality of care correlates with mortality rates.

In addition, the format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals during the past 2 years regarding their patient-specific data and our mortality information publication.

Many suggestions from these sources have been incorporated into the final publication. For example, following the release, we examined a limited number of cases in which hospitals advised us that an individual shown as deceased on HCFA's records was in fact alive. An analysis of specific cases confirmed that there was a report of a date of death in the HCFA data base at the time the Medicare hospital mortality information was being analyzed. In most cases, we found that the source of the date of death in the record was the hospital inpatient bill provided by the facility. For example, the HCFA records showed that a bill submitted by Hospital "X" for an inpatient stay for a patient ending February 12, 1986 indicated the patient status at time of discharge as "Expired." This bill was processed on April 8, 1986 and served as part of the HCFA data base at the time we prepared the release of hospital mortality information. (For Medicare hospital mortality analyses, we used the Medicare billing records received for the June update of the MEDPAR file.) In July 1987, a bill was processed by HCFA for a subsequent hospital stay for this beneficiary and as a result we removed the date of death from our records. Unfortunately, this subsequent information was obtained too late to be included in the final information release. Although this type of billing problem was minimal on a national basis, we hope that an indirect byproduct of this process will be improved accuracy in coding and billing procedures.

The publication of Medicare Hospital Mortality Information is an ongoing process at HCFA. We are continuing to do everything we can to make this information more useful to both the public and the health care professions. We are refining ways to use the information as a screening tool for "quality of care" purposes, and we are developing tools to adjust for differences in disease severity. Thus, this year we provided hospitals with information on the Medicare Mortality Predictor System (MMPS) which is designed to help hospitals interpret the mortality rates of their patients. In addition, because we recognize that mortality rates alone do not adequately measure how effectively a hospital cares for its patients, we will be developing other measures of outcome, such as the need for medical treatment after discharge, to assess the performance of hospitals more fully.

Just as we made improvements in the methodology used last year, we expect that when the 1989 release is published, it, too, will reflect progress toward more accurate and useful information for hospitals, physicians, and consumers alike. This will contribute to assessment of and improvement in the effectiveness of medical services.

William L. Roper M D.

William L. Roper, M.D.
Administrator

DESCRIPTION OF MORTALITY INFORMATION

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information in this document.

The analyses of the mortality rates associated with hospitalizations in 1987 are very similar to those carried out last year on Medicare hospitalizations which occurred in 1986. Only one hospitalization for every patient was used--the last hospitalization with a discharge in calendar year 1987. The event evaluated was death within 30 days of admission to the hospital.

For each hospital, information is presented for overall Medicare patient mortality and each of 16 diagnostic categories. The information consists of the number of Medicare patients, the actual mortality rate, and a range of predicted mortality, given the mix of patients.

The reader should note three significant changes in the way the information is organized in this year's publication:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on the revised methodology discussed below.
- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files. These hospital characteristics are found at the bottom of each hospital summary page containing the 1986 and 1987 mortality rates and ranges. A more detailed discussion of the hospital characteristics can be found in the section entitled "Hospital Characteristics Definitions."
- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices. Thus, the hospital information and comments are arranged alphabetically by State within each State's respective regional volume. A complete listing of States by region (and volume) can be found at Table 1.

Before reviewing the summary table for your hospital, it would be helpful to describe how the numbers were derived and what they mean:

- Number of Cases. This figure is the number of individual Medicare beneficiaries whose last discharge from a short term, acute care hospital in a calendar year was from the hospital listed. The total number for each hospital is presented under the category "all cases."

Similarly, for each diagnostic category, the number of cases consists of the number of Medicare beneficiaries whose last discharge in the calendar year was from the hospital cited and whose principal diagnosis at admission fell within the specific diagnostic category.

Since only a patient's last hospital discharge (including death occurring in a hospital) is "counted" in the total number, HCFA's computation and that maintained by individual hospitals will generally differ. For example, if John Doe was a patient at Hospital A three times during 1987, the methodology used in HCFA's analysis counts only the last discharge in 1987 in the hospital's total. Normally, a hospital maintains statistics regarding each of its admissions and so would count Mr. Doe as three cases. In addition, in this example, if Mr. Doe were admitted later in the year to Hospital B (another acute care hospital) and then discharged in 1987, and this latter stay represented his last discharge for 1987, his case would be counted in Hospital B's total and he would not appear at all in Hospital A's count.

The key factor to remember is that we are examining last hospital discharges in 1987. In some cases, this will necessitate the inclusion of certain patients admitted to the hospital in 1986 or who died in January 1988.

- Actual Mortality Rate. This figure presents the percentage of each hospital's Medicare patients who died within 30 days of the admission that resulted in the last-occurring discharge of the patient in 1987. (The percentage is rounded to the nearest whole percentage point.)

  Where, for example, Hospital A had a universe of 1000 patients whose last acute care hospital discharge in 1987 was from Hospital A, and 100 of these patients died within 30 days of their admission, whether as hospital inpatients or after discharge, the actual mortality rate would be 10 percent. This rate includes cases in which a beneficiary was admitted to the hospital in 1986 and was discharged in 1987. It also includes those instances in which a beneficiary was discharged in 1987 and died within 30 days of admission, even though the 30-day period extends into 1988. Cases in which the beneficiary was not discharged in 1987 are not part of the rate. For example, a person who was admitted to a hospital on December 28, 1987, discharged on January 5, 1988 and died on January 8, 1988 would not be a part of the calculation, even though that person died within 30 days of a 1987 admission.

- Range for Predicted Mortality. This column gives an estimate of mortality rates for cases equal in number and with the average characteristics of the cases treated by the hospital. The range is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: the number of high, low, and undefined risk hospital admissions in the previous six months, transfer status, age, sex, and presence of up to four of eight possible comorbid conditions--cancer, chronic cardiovascular disease, cerebrovascular degeneration/chronic psychosis, chronic pulmonary disease, chronic renal disease, chronic liver disease, diabetes, hypertensive disease--and by applying weights of the risk factors to the actual number of patients at the hospital to enable compilation of an expected mortality rate. This rate is converted, with adjustment for the variability expected given the number of cases, to a range of predicted mortality rates. It is important to note that the fewer the number of cases included in a given diagnostic category, the greater the uncertainty of the expected mortality range and, therefore, the wider the range. A larger number of cases yields greater precision, and therefore, a more narrow range of predicted mortality rates.

The principal source of data for the analysis was the HCFA Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospital discharge. Information about beneficiaries, including date of death, was obtained from the Social Security Administration.

The analyses were performed by means of logistic regression, with patients grouped into 17 distinct diagnostic categories: ten high risk and six low risk and one category containing all others. Similar to last year, the risk factors (covariates) included in the regression analyses within each diagnostic category were age, sex, significant comorbidities, number of admissions by risk category within 6 months, and status as a transfer patient. However, in response to comments on last year's definition of the diagnostic categories, the present categories are more risk-homogeneous. That is, the mortality rates associated with the ICD-9-CM codes for the principal diagnoses were evaluated and were used to determine whether a code should be placed in the high risk, the low risk, or the "undefined" category. Consequently, while the diagnostic categories still follow medical disciplinary lines, the range of mortality rates in each diagnostic category is more restricted. The net result is that the 16 specifically defined categories now account for about 65 percent of the patients, compared to 70 percent last year, and for about 72 percent of deaths, compared to 80 percent last year. A list of the ICD-9-CM codes used in each diagnostic category is attached in Table 2 and the list of the comorbidities is attached in Table 3. In the process of making these adjustments in the diagnostic categories, we have also modified the names of five categories to reflect more accurately their composition. These changes are: Neuropsychiatric/Sensory Disease (formerly Opthalmologic Disease), Musculoskeletal/Skin Conditions (formerly Orthopedic Disorders), Renal Failure (formerly Renal Disease), Infectious Disease (formerly Sepsis) and Cerebrovascular Accidents (formerly Stroke).

HOSPITAL COMMENTS

On September 15, 1988, HCFA mailed to each hospital its own mortality information and asked for comments by October 24, 1988. Each hospital's comments, if any, immediately follow its mortality information. The comments are generally reproduced as submitted by the hospital. However, some hospitals returned to HCFA an annotated copy of the information sent on September 15. These annotated materials have not been reproduced in this publication, even in those instances where they were the only form of comments submitted by a hospital. The reason for not printing these materials is one of privacy or because it would result in duplication of characteristics already corrected by HCFA. Information which would identify or possibly identify patients must be deleted, which would cause any remaining information to be of extremely limited, if any, use. Therefore, we have included a statement to identify instances when these types of materials have not been included. Other hospitals submitted comments that were more lengthy than those which we specified in our September 15 letter would be permitted and, therefore, were edited. As mentioned earlier, it is extremely important that the information presented in the tables be reviewed in concert with the hospital's comments.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner to allow every opportunity for review and comment. Therefore, even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances were few in number.

INFORMATION SOURCES AND NOTES

It is important to note that this publication is based primarily on Medicare hospital billing information for calendar years 1985, 1986, and 1987. While the principal source for the analysis was the HCFA-maintained MEDPAR file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit such information to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries). The file is updated quarterly. It is estimated that billing information on approximately 95 percent of all Medicare discharges is included in the MEDPAR file within 6 months of the close of the calendar year. Accordingly, our analysis was based on information received through June 10, 1988.

In any large-scale data base such as one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results.

Nonetheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is being reviewed:

- The information used is billing data and is only as good as the information submitted by hospitals as a part of the payment process. Although there is always a possibility that coding errors are included, for our purposes here, it is assumed that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly.

- The hospitals included in this analysis are short-term, acute care facilities which were identified by their unique provider number. All facilities which have a zero in the third position of their provider number are by definition participating in Medicare as short-term, acute care facilities. All other facilities--those with something other than a zero in the third position of the provider number--were excluded from the analysis. In some cases, hospital names suggest an orientation different from acute care. This does not mean the facility is inappropriately included in the publication.

- There is some information in the file which does not reflect the results of review by Peer Review Organizations (PROs), the entities charged with reviewing hospital services provided to Medicare beneficiaries. For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that it is possible that PRO changes in diagnosis assignment may not be submitted to HCFA and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, any major changes in diagnosis assignment which are not reflected in the data base would have a bearing on calculation of mortality rates in individual diagnostic categories and may also have a bearing on comorbidities. Some hospitals pointed out instances where the hospital's mortality information did not agree with HCFA's; e.g., different date of death, cases of subsequent admission to another facility, or changes in diagnostic codes. The data base used in this analysis has not been revised to reflect these potential discrepancies. Rather, we are examining all hospital comments to ensure that changes to our data systems and processes can be made when warranted so that future releases will be even more accurate. Readers are urged to review any hospital comments with a specific view toward these types of issues.

- The predictive model used in this effort does not explain all variability in outcome. Most notably, a measure of severity of illness has not been included in the model, and, therefore, the predictive power of the model is less precise than it would be if such a measure had been available. Nonetheless, the information included in this document does legitimately contribute to the body of information about hospital performance.

HOSPITAL CHARACTERISTICS DEFINITIONS

In this year's publication, we have included hospital characteristics information such as bed size, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association (AHA) 1987 Annual Survey of Hospital Files. Where hospitals did not provide information on a particular item, it has been listed as "not available." This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's Medicare/Medicaid Automated Certification System (MMACS) Files.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges.

SURVEY AND YEAR: AHA 1987	Source = American Hospital Association 1987 Annual Survey of Hospital Files
o Total beds (#):	Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up and staffed for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.
o Occupancy rate (%):	Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)
o Ownership/control:	State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government
STAFFING:	
o Total number of physicians:	Total active and associate medical staff
o Percent of Board-Certified Specialists	Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.
o Interns and residents:	Full-time equivalent (FTE) medical residents
o Registered nurses:	Full-time equivalent (FTE) registered nurses
o Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

SPECIALTY SERVICES:

Shock/trauma unit:	Provides emergency and specialized intensive care to critically injured patients.
Burn unit:	Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.
Medical/surgical intensive care:	Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.
Cardiac intensive care:	Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

o	Organ transplant service	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o	Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Medicare/Medicaid Automated Certification System (MMACS) definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges. Please note that there are no specific definitions of the specialty services in MMACS, and the characteristics that appear are those reported by the hospital.

SURVEY AND YEAR: HCFA 19__		Source = Health Care Financing Administration MMACS Files
o	Total beds (#):	Total number of operational beds eligible for Medicare reimbursement.
o	Ownership/control:	Church; private; Federal, State, local government, or hospital district or authority; proprietary.

STAFFING:

o	Interns and residents:	Full-time equivalent (FTE) medical residents
o	Registered nurses:	Full-time equivalent (FTE) registered nurses
o	Licensed practical nurses:	Full-time equivalent (FTE) licensed practical nurses

o	Organ transplant service:	The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.
o	Hospice care:	A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death.

Table 1

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Connecticut	Boston(I)
Maine	
Massachusetts	
New Hampshire	
Rhode Island	
Vermont	
New Jersey	New York(II)
New York	
Puerto Rico	
Virgin Islands	
Delaware	Philadelphia(III)
District of Columbia	
Maryland	
Pennsylvania	
Virginia	
West Virginia	
Alabama	Atlanta(IV)
Florida	
Georgia	
Kentucky	
Mississippi	
North Carolina	
South Carolina	
Tennessee	
Illinois	Chicago (V)
Indiana	
Michigan	
Minnesota	
Ohio	
Wisconsin	
Arkansas	Dallas (VI)
Louisiana	
New Mexico	
Oklahoma	
Texas	

Table 1 (Cont.)

STATES BY REGION	LOCATION OF HCFA REGIONAL OFFICE
Iowa Kansas Missouri Nebraska	Kansas City(VII)
Colorado Montana North Dakota South Dakota Utah Wyoming	Denver(VIII)
American Samoa/Guam Arizona California Hawaii Nevada	San Francisco(IX)
Alaska Idaho Oregon Washington	Seattle(X)

Table 2

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
High Risk	
Cancer	141, 147, 150-151, 156-159, 162.2-164, 171.5, 171.8, 171.9, 172.8, 179, 180.9 183, 189.0, 191, 192.2, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.8, 198.0- 198.1, 198.3-198.8, 199-208
Cerebrovascular Accidents	430-432, 433.0, 434, 436
Severe Acute Heart Disease	410, 415, 421.0, 421.9, 423.0-423.2, 427.4-427.5, 441.0, 441.1, 441.3, 441.5, 444.1, 447.2, 785.5
Severe Chronic Heart Disease	397, 398.91, 416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 441.2, 442.2, 453.2
Gastrointestinal Catastrophes	452, 453.0, 456.0, 456.20, 530.4, 530.8, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 551, 557.0, 558.2, 560.0, 560.2, 560.89, 567, 569.83, 570, 571.2, 571.5-571.6, 572.2-572.4, 572.8
Metabolic/ Electrolyte Disorders	250.2-250.3, 260-263, 273, 275.4, 276.0, 276.2, 276.4-276.5, 277.3
Pulmonary Disease	481, 482.0-482.1, 482.3-482.9, 485-486, 500-505, 507, 508.0, 510, 511.1-511.9, 512-516.0, 518.0-518.1, 518.4, 518.5, 519.2-519.3
Renal Failure	584-586
Infectious Disease	018, 027.0, 036, 038, 040, 046-048, 049.0-049.1, 054, 060, 070.0, 070.2, 070.4, 070.6, 112, 116-117, 136.3, 320-320.7
Severe Trauma	806.0-806.1, 807.4, 851-853, 861.0-861.1, 861.3, 864, 868-869, 875.1, 901-902, 933.1, 934, 946.3-946.5, 948.4-948.9, 958.4

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Low-Risk	
Neuropsychiatric/Sensory Disease	290-292, 293.1-293.9, 294-309, 311-319, 331.1-331.9, (excluding 331.7), 332-334 (excluding 334.4), 337 (excluding 337.1), 340, 342-343, 344.2-344.9, 345.0-345.2, 345.4-345.9, 346-347, 348.0, 350-358 (excluding 357.1-357.4 and 358.1), 360-389
Gynecologic Disease	614-627 (excluding 619.1)
Low-Risk Heart Disease	390, 393, 401, 402.00, 402.10, 402.90, 405, 411.1-411.8, 413-414, 417, 420.9, 422.9, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433.1-433.9, 435, 437.2, 442.0-442.1, 442.3-442.9, 447.0-447.1, 447.3-447.9, 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0
Gastrointestinal Disease	520-527, 528.2, 528.4-528.9, 529, 530.0-530.3, 530.5-530.7, 530.9, 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.81, 537.9, 540-543, 550, 552, 558.1, 558.9, 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574.00, 574.10, 574.20, 574.30, 574.40, 574.50, 575.0-575.3, 575.5-575.6, 575.9, 576.0, 576.9, 577.1, 577.9, 579
Urologic Disease	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596.0, 596.2-596.5, 596.7-596.9, 597-598, 599.1-599.9, 600-606, 607.0-607.1, 607.3-607.9, 608.0-608.3, 608.8-608.9

Table 2 (cont.)

DIAGNOSTIC CATEGORY	ICD-9-CM CODES
Musculoskeletal/Skin Conditions	680-686, 690-698, 700-706, 707.1-707.9, 708-709, 710.0, 710.2-710.9, 714.0-714.4, 714.89, 714.9, 715-744, 746-758, 800.0, 800.5, 801.0, 801.5, 802, 805, 806.2-806.9, 807.00-807.06, 807.1-807.3, 807.5-807.6, 808-819, 822-838, 839.1-839.9, 840-848, 850, 854.00-854.04, 854.06-854.09, 861.2, 862, 867.1, 867.3-867.9, 870-874, 875.0, 876-887, 890-897, 905-929

The number of digits in the code indicated is important in identifying the included diagnoses. If a 3 digit code is given, all diagnoses with the first three digits indicated are included. Thus, if there is a 4th and 5th digit subclassification for the code, diagnoses with these 4th and 5th digits are included.

If a 4 digit code is given, all diagnoses with the first four digits indicated are included. Additionally, if there is a 5th digit subclassification for the code, the diagnoses with the first four digits indicated and any of the 5th digits are included. Codes specified to the 5th digit were defined with greater clinical detail and include only that diagnosis.

Where a range of codes are specified (such as 290-292) all diagnoses through 292 are included. The rules for interpreting what is included in the 3 digit code of 292 are indicated above.

Table 3

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic Liver Disease	571-572.8
Chronic Renal Disease	582-583.9, 585-587
Chronic Cardiovascular Disease	412-414.9, 426-429.1
Chronic Pulmonary Disease	491-493.9, 496
Cerebrovascular Degeneration/ Chronic Psychosis	290-290.9, 294-299.9
Hypertensive Disease	402-405.99
Diabetes	250.01, 250.1-250.9

(A comorbidity is taken to be present if its ICD-9-CM code appears on the bill as any one of the up to four additional diagnoses beyond the principal diagnosis.)

AMC CANCER RESEARCH CENTER

1600 PIERCE STREET
LAKEWOOD, CO 80214

Medicare Hospital Provider Number: 060099

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	42	17 - 51	28	46	11 - 48
Cancer	4	25	8 - 82	6	67	9 - 75
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	1	100	2 -100	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	33	6 - 88	3	67	6 - 87
Pulmonary Disease	4	50	13 - 89	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	3 - 98	0	-	-
Severe Chronic Heart Disease	1	100	3 - 98	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	1	0	0 -100
Musculoskeletal/Skin Conditions	4	25	0 - 99	2	0	1 - 89
Neuropsychiatric/Sensory Disease	0	-	-	4	75	5 - 80
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	12
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AMC
Cancer Research
Center

Medicare Provider
No. 060099

AMC Cancer Research Center admits only patients with **cancer diagnoses.** We currently operate only 5 beds as acute.

Because the numbers of cases are so small (31 in 1987 and 28 in 1986), the percentages presented are somewhat meaningless.

1600 Pierce Street
Denver, Colorado 80214
303 233-6501

ARKANSAS VALLEY REGIONAL MED CTR

1100 CARSON
LA JUNTA, CO 81050

Medicare Hospital Provider Number: 060036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	714	11	9 - 15	656	12	10 - 16
Cancer	9	33	19 - 75	5	60	13 - 84
Cerebrovascular Accidents	13	46	7 - 59	27	19	16 - 47
Gastrointestinal Catastrophes	9	33	10 - 68	5	20	9 - 77
Infectious Disease	11	36	8 - 63	10	40	12 - 68
Metabolic/Electrolyte Disorders	10	20	5 - 59	14	0	8 - 39
Pulmonary Disease	41	27	13 - 42	52	19	13 - 37
Renal Failure	1	0	3 - 99	4	50	11 - 90
Severe Acute Heart Disease	34	41	25 - 59	36	53	25 - 58
Severe Chronic Heart Disease	60	15	12 - 32	43	28	10 - 38
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	70	3	1 - 13	56	2	0 - 15
Gynecologic Disease	2	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	81	1	1 - 9	95	5	1 - 13
Musculoskeletal/Skin Conditions	56	4	0 - 22	35	3	0 - 26
Neuropsychiatric/Sensory Disease	9	0	0 -100	13	8	0 -100
Urologic Disease	56	0	0 - 12	25	0	0 - 37

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	218
Occupancy Rate (%):	86
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	24
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ASPEN VALLEY HOSPITAL

P O BOX H
ASPEN, CO 81611

Medicare Hospital Provider Number: 060057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	56	7	4 - 20	75	5	5 - 17
Cancer	2	0	3 - 88	2	0	4 - 88
Cerebrovascular Accidents	1	0	0 - 99	4	25	3 - 80
Gastrointestinal Catastrophes	1	0	0 - 98	1	0	1 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	25	1 - 85	2	50	2 - 92
Pulmonary Disease	3	33	0 - 91	4	0	0 - 93
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	3	0	6 - 79	4	25	6 - 80
Severe Chronic Heart Disease	3	0	1 - 86	6	17	2 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	10	0	0 - 94
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	5	0	0 -100	7	0	0 -100
Musculoskeletal/Skin Conditions	9	0	0 -100	11	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	4	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	31
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	21
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BETH ISRAEL PAVILION

1601 LOWELL BLVD
DENVER, CO 80204

Medicare Hospital Provider Number: 060019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	580	16	12 - 19	1,273	16	12 - 18
Cancer	19	47	21 - 65	30	47	20 - 57
Cerebrovascular Accidents	20	45	11 - 54	44	32	18 - 47
Gastrointestinal Catastrophes	1	100	0 - 97	16	31	12 - 59
Infectious Disease	6	50	10 - 77	7	57	17 - 81
Metabolic/Electrolyte Disorders	9	44	5 - 67	26	19	12 - 47
Pulmonary Disease	81	25	20 - 42	178	29	22 - 39
Renal Failure	3	0	11 - 86	6	83	11 - 78
Severe Acute Heart Disease	15	40	20 - 67	39	21	27 - 54
Severe Chronic Heart Disease	20	25	9 - 48	73	30	14 - 36
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	27	4	0 - 33	79	4	1 - 13
Gynecologic Disease	8	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	49	4	1 - 21	122	5	1 - 11
Musculoskeletal/Skin Conditions	58	5	2 - 17	111	5	1 - 12
Neuropsychiatric/Sensory Disease	12	0	0 - 63	29	7	0 - 70
Urologic Disease	32	0	0 - 34	52	6	0 - 25

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	157
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	70
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONY HOSPITAL SYSTEMS

CENTRAL: 4231 WEST 16TH AVENUE • DENVER, COLORADO • 80204 • (303) 629-3511
NORTH: 2551 WEST 84TH AVENUE • WESTMINSTER, COLORADO • 80030 • (303) 426-2151
SUMMIT MEDICAL CENTER: P.O. BOX 738 • FRISCO, COLORADO • 80443 • (303) 668-3300
EMERGENCY MEDICAL CENTER: P.O. BOX 952 • GRANBY, COLORADO • 80446 • (303) 887-2503

DOUGLAS R. COOK
President & Chief Executive Officer

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: St. Anthony Hospital Systems
#060015

Beth Israel Pavilion
#060019

Dear Mrs. Kappert:

Upon review of the attached mortality data, we find no gross errors to date. It is important, however, that the range of predicted rates be explained to the public.

Some additional comments are:

(1) For St. Anthony Hospital Systems, in 1987, discharges increased 10% over 1986; and, the mortality rate (according to HCFA) shows an increase of 2% over 1986. We wish to add that all mortalities are peer reviewed concurrently.

(2) For Beth Israel Pavilion there were two categories which were over the predicted range for mortality. In both categories, there was only one patient. In the "Gastrointestinal Catastrophes" category, the patient was non-cooperative and refused all care and most medications. In the "severe trauma" category, the patient was discharged back to the Nursing Home and died 25 days later.

Please be advised that St. Anthony Hospital Systems acquired Beth Israel Hospital on September 1, 1987. This response is prepared by St. Anthony Hospital Systems on behalf of the former Beth Israel Hospital now known as Beth Israel Pavilion.

The following changes under "hospital characteristics" are offered for St. Anthony Hospital Systems:

1986 544 beds, 59.6% occupancy
We cannot verify physician staffing numbers at this time
RN's per bed is .7; LPN per bed is .1

1987 552 beds, 63.7% occupancy
We cannot verify physician staffing numbers at this time
RN's per bed is .8; LPN per bed is .1

Sincerely yours,

John A. Sbarbaro, M.D.
Vice President Medical Affairs

BOULDER COMMUNITY HOSP

1100 BALSAM AVE
BOULDER, CO 80301

Medicare Hospital Provider Number: 060027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,137	11	9 - 14	1,040	11	9 - 14
Cancer	18	22	22 - 62	28	29	23 - 59
Cerebrovascular Accidents	41	29	12 - 41	42	38	12 - 42
Gastrointestinal Catastrophes	13	46	10 - 63	6	33	4 - 73
Infectious Disease	12	8	15 - 55	10	60	19 - 75
Metabolic/Electrolyte Disorders	24	21	5 - 44	13	15	8 - 53
Pulmonary Disease	63	21	15 - 37	57	12	16 - 36
Renal Failure	4	50	6 - 85	5	60	11 - 86
Severe Acute Heart Disease	70	36	28 - 52	56	29	28 - 53
Severe Chronic Heart Disease	54	24	13 - 37	52	8	14 - 31
Severe Trauma	1	0	0 - 99	4	25	3 - 80
Gastrointestinal Disease	94	4	1 - 13	78	1	0 - 12
Gynecologic Disease	9	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	121	4	1 - 11	117	6	1 - 13
Musculoskeletal/Skin Conditions	109	2	0 - 10	96	4	0 - 14
Neuropsychiatric/Sensory Disease	23	4	0 - 83	34	0	0 - 22
Urologic Disease	55	0	0 - 24	51	4	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	147
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	318
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	263
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BOULDER MEMORIAL HOSPITAL

311 MAPLETON AVE
BOULDER, CO 80302

Medicare Hospital Provider Number: 060051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	357	8	8 - 15	389	6	7 - 13
Cancer	8	38	10 - 71	9	44	20 - 78
Cerebrovascular Accidents	12	8	12 - 51	6	17	7 - 69
Gastrointestinal Catastrophes	2	0	0 - 92	4	25	7 - 81
Infectious Disease	4	0	7 - 72	7	43	14 - 78
Metabolic/Electrolyte Disorders	5	0	2 - 67	9	22	2 - 64
Pulmonary Disease	25	36	10 - 49	18	11	10 - 45
Renal Failure	0	-	-	1	0	0 - 98
Severe Acute Heart Disease	13	31	18 - 67	11	0	22 - 54
Severe Chronic Heart Disease	29	14	15 - 42	16	13	9 - 45
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	21	0	0 - 57	26	4	0 - 35
Gynecologic Disease	3	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	37	3	1 - 21	31	0	0 - 25
Musculoskeletal/Skin Conditions	55	0	0 - 16	73	3	0 - 16
Neuropsychiatric/Sensory Disease	14	0	0 - 67	27	0	0 - 42
Urologic Disease	15	7	0 - 99	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 113
Occupancy Rate (%): 49
Ownership/Control: Church

STAFFING

Total Number of Physicians: 318
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 124
Licensed Practical Nurses: 18

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CHEYENNE COUNTY HOSPITAL

602 W 6TH NORTH
CHEYENNE WELLS, CO 80810

Medicare Hospital Provider Number: 060043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	36	11	7 - 30	42	21	6 - 33
Cancer	1	100	3 - 99	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	1	0	0 - 98	1	0	1 - 97
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	2	0	0 - 92	2	0	1 - 92
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	3	33	6 - 87	6	33	11 - 77
Severe Chronic Heart Disease	3	33	10 - 91	5	20	3 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	3	33	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	8	0	0 - 99	5	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	19
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLAGETT MEMORIAL HOSPITAL

707 EAST FIFTH STREET BOX 72
RIFLE, CO 81650

Medicare Hospital Provider Number: 060042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	78	14	5 - 22	100	19	8 - 25
Cancer	0	-	-	3	67	3 - 86
Cerebrovascular Accidents	0	-	-	6	17	4 - 68
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 99
Infectious Disease	0	-	-	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	15	33	7 - 55	20	10	14 - 46
Renal Failure	1	0	2 - 98	1	100	1 - 97
Severe Acute Heart Disease	2	0	1 - 90	4	25	5 - 80
Severe Chronic Heart Disease	3	33	2 - 86	5	60	5 - 77
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	8	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	0	0 - 90	13	8	0 - 98
Musculoskeletal/Skin Conditions	5	0	0 -100	3	33	0 - 94
Neuropsychiatric/Sensory Disease	2	50	0 - 96	4	25	0 -100
Urologic Disease	5	20	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	89
Occupancy Rate (%):	74
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSPITAL

P O BOX 220
GRAND JUNCTION, CO 81501

Medicare Hospital Provider Number: 060054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	453	8	7 - 13	433	10	8 - 15
Cancer	4	50	5 - 82	8	13	15 - 67
Cerebrovascular Accidents	8	38	6 - 68	13	23	11 - 57
Gastrointestinal Catastrophes	3	0	6 - 80	3	0	2 - 80
Infectious Disease	9	11	18 - 67	10	10	15 - 60
Metabolic/Electrolyte Disorders	7	14	2 - 67	6	0	2 - 61
Pulmonary Disease	24	8	10 - 37	35	29	13 - 45
Renal Failure	1	0	1 - 97	5	40	15 - 90
Severe Acute Heart Disease	18	39	19 - 62	17	47	22 - 67
Severe Chronic Heart Disease	21	14	7 - 41	8	38	3 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	34	12	0 - 63	23	0	0 - 49
Gynecologic Disease	7	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	51	4	0 - 21	40	7	0 - 32
Musculoskeletal/Skin Conditions	71	0	0 - 8	61	0	0 - 11
Neuropsychiatric/Sensory Disease	9	0	0 - 98	12	0	0 - 83
Urologic Disease	26	0	1 - 22	29	0	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	45
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	44
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	52
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CONEJOS COUNTY HOSP

PO BOX 639
LA JARA, CO 81140

Medicare Hospital Provider Number: 060060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	10	9 - 21	135	14	9 - 22
Cancer	2	50	2 - 92	1	0	0 - 98
Cerebrovascular Accidents	3	0	2 - 81	8	38	4 - 67
Gastrointestinal Catastrophes	0	-	-	3	0	2 - 80
Infectious Disease	4	0	7 - 72	3	0	9 - 82
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	24	13	15 - 45	17	24	12 - 54
Renal Failure	1	0	3 - 98	3	67	10 - 92
Severe Acute Heart Disease	8	50	10 - 71	7	57	9 - 73
Severe Chronic Heart Disease	4	0	3 - 71	9	0	10 - 48
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	13	8	0 - 91	10	0	0 - 99
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	10	0	0 - 98	6	0	0 -100
Musculoskeletal/Skin Conditions	8	0	0 - 94	9	0	0 - 91
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	4	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	45
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

Conejos County Hospital
La Jara, Colorado

Provider Number: 06-0060

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

CRAIG HOSPITAL

3425 SOUTH CLARKSON
ENGLEWOOD, CO 80110

Medicare Hospital Provider Number: 060101

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	59	0	0 - 11	11	0	0 - 95
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	6	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	80
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	38
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DELTA CO MEMORIAL HOSP

1690 STAFFORD LN
DELTA, CO 81416

Medicare Hospital Provider Number: 060071

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	553	12	9 - 16	523	7	8 - 14
Cancer	12	33	15 - 66	3	67	6 - 87
Cerebrovascular Accidents	9	0	10 - 47	8	0	15 - 55
Gastrointestinal Catastrophes	7	14	11 - 68	4	0	4 - 71
Infectious Disease	13	54	9 - 62	13	31	19 - 68
Metabolic/Electrolyte Disorders	7	14	3 - 65	1	0	0 -100
Pulmonary Disease	49	43	18 - 47	37	19	13 - 41
Renal Failure	3	33	4 - 67	2	100	10 - 95
Severe Acute Heart Disease	36	33	24 - 56	31	29	25 - 57
Severe Chronic Heart Disease	18	17	10 - 47	13	31	5 - 56
Severe Trauma	1	100	1 - 97	2	0	4 - 89
Gastrointestinal Disease	40	5	0 - 51	44	0	1 - 13
Gynecologic Disease	9	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	60	2	1 - 12	64	3	1 - 15
Musculoskeletal/Skin Conditions	70	1	0 - 14	71	0	0 - 8
Neuropsychiatric/Sensory Disease	9	0	0 - 87	6	0	0 -100
Urologic Disease	34	0	0 - 40	28	0	0 - 56

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	42
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	20
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	41
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Delta County
Memorial
Hospital

Provider No. 06-0071

October 21. 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Please find our response to the 1988 HCFA Mortality Data to be published in December of 1988, attached to this letter.

Thank you for allowing providers to present their comments along with the data.

Sincerely,

Marie Keenan

Marie Keenan, Director
Medical Record Department

cc: Ken Moore, DCMH
Dan Reust, DCMH
Linda Mesaric, DCMH

Delta County Memorial Hospital
100 Stafford Lane
Delta, CO 81416

Provider No.: 06-0071

HCFA Mortality Data

Please refer to Page 9, Diagnostic Category: Severe Trauma
[redacted] [redacted] [redacted] [redacted] [redacted]

This patient was admitted to our hospital on 2/28/87 with burns on parts of his upper body from burning clothing ignited from a candle. The patient had been diagnosed approximately 8 months prior to the above admission, with cancer of the colon. At the time of admission, he was not only admitted with the diagnosis of burns, but also for symptomatic care of the metastic colon cancer. The burns in themselves, it was felt, would not have been fatal. The patient had been diagnosed as "being in a terminal state", at the time of his admission and discharge.

Therefore, we feel that the "Severe Trauma" Category is incorrect.

DENVER GENERAL HOSPITAL

777 BANNOCK
DENVER, CO 80204

Medicare Hospital Provider Number: 060011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	712	12	8 - 14	774	12	8 - 14
Cancer	20	20	21 - 59	15	40	18 - 66
Cerebrovascular Accidents	28	29	10 - 44	24	38	10 - 49
Gastrointestinal Catastrophes	6	33	4 - 73	6	17	8 - 70
Infectious Disease	4	50	4 - 82	17	35	13 - 59
Metabolic/Electrolyte Disorders	14	7	8 - 47	10	20	3 - 60
Pulmonary Disease	39	28	9 - 39	38	26	9 - 39
Renal Failure	2	50	4 - 93	1	100	0 - 98
Severe Acute Heart Disease	32	50	20 - 55	32	56	25 - 59
Severe Chronic Heart Disease	38	11	12 - 34	41	20	9 - 35
Severe Trauma	5	0	10 - 67	5	0	5 - 65
Gastrointestinal Disease	35	3	0 - 30	28	0	0 - 23
Gynecologic Disease	4	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	49	0	1 - 11	55	4	1 - 16
Musculoskeletal/Skin Conditions	62	6	0 - 64	70	1	0 - 16
Neuropsychiatric/Sensory Disease	55	5	0 - 35	96	2	0 - 13
Urologic Disease	22	0	0 - 91	22	0	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	326
Occupancy Rate (%):	72
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	352
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	12
Registered Nurses:	376
Licensed Practical Nurses:	65

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CITY AND COUNTY OF DENVER

FEDERICO PEÑA
Mayor

DEPARTMENT OF HEALTH AND HOSPITALS

777 BANNOCK STREET
DENVER, COLORADO 80204-4507
893-6000

October 18, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

Attached are comments from Denver General Hospital (provider number 060011) regarding the HCFA Medicare mortality data for our facility for 1987.

There is an error in the Hospital Characteristics demographic data which was provided. The AHA Annual Survey for 1986 for our facility reported 349 licensed beds and 326 staffed beds. The data sent from HCFA lists only 126 beds.

Please feel free to contact Linda Ford at (303) 893-6378 if there are any questions regarding the comments on the attached pages.

Sincerely,

John A. Fairman

John A. Fairman
Manager/CEO
Department of Health and Hospitals

Enclosure

COMMENTS ON THE HCFA MORTALITY DATA

Denver General Hospital
Denver, Colorado

Denver General Hospital (DGH) has reviewed the mortality data provided by HCFA for the year 1987. To put healthcare at DGH in perspective, it is important to emphasize that Denver General is an inner city public hospital which operates the 911 emergency healthcare system for the City and County of Denver in conjunction with a Level I Trauma Center. The majority of patients brought in via this system have been found down in the field, and most have never been DGH patients in the past. Much of the population treated is indigent, often homeless/transient, frequently inebriate, and generally in poor physical health with numerous comorbidities. Only 15% of the patient population is covered by Medicare.

Of 1127 Medicare patients admitted to Denver General in 1987, 304 (27%) of these patients died. Of these patients, 69 did not die while at DGH and, therefore, the cause of death is unknown. The majority of these patients, however, carried at least one diagnosis which was serious/chronic in nature with potential for expected death at any time. Only 18 patients dying outside the facility died within 30 days after discharge from Denver General.

Deaths within all diagnostic categories were within the range for predicted mortality, with most rates below the midrange. No deaths occurred in four categories. The highest mortality rates occurred in the categories of infectious disease (50%), renal failure (50%, one of two patients), severe acute heart disease (50%), and gastrointestinal catastrophes (33%). A review of medical records in these categories revealed that the majority of these patients had been found down in the field and brought in by the Paramedics. Only 35% had been DGH patients in the past. The following data further emphasizes the severity of illness of the patients in these categories who died:

Found down in the field	80%	
Admitted through ER	90%	
Admitted to ICU	100%	
Intubated on ventilator	80%	(others not on due to patient/family request)
Poor prognosis	100%	

Of all patients reviewed who lived past the initial event leading to hospitalization, all were placed on a "Do Not Resuscitate" status by joint determination of the patient/family/medical staff.

As part of the Denver General Hospital quality assurance program, all deaths which occur in the hospital are reviewed on a regular basis to identify any areas with potential for corrective action/education. Care in all payor categories (private pay, Medicaid, Medicare, Medically Indigent, other third party payors) is reviewed against the same criteria.

DOCTORS HOSPITAL

1920 HIGH ST
DENVER, CO 80218

Medicare Hospital Provider Number: 060093

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	39	0	0 - 59	41	0	0 - 80
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	34	0	0 - 89	38	0	0 - 85
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	4
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	98
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	5
Registered Nurses:	11
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

EAST MORGAN COUNTY HOSP

2400 W EDISON
BRUSH, CO 80723

Medicare Hospital Provider Number: 060068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	171	15	7 - 19	147	15	8 - 21
Cancer	4	0	12 - 75	2	50	2 - 92
Cerebrovascular Accidents	5	40	5 - 77	7	14	9 - 65
Gastrointestinal Catastrophes	3	0	7 - 80	3	33	8 - 89
Infectious Disease	2	0	7 - 90	0	-	-
Metabolic/Electrolyte Disorders	2	0	2 - 88	3	33	2 - 86
Pulmonary Disease	20	25	6 - 46	19	16	6 - 43
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	67	15 - 80	7	43	12 - 76
Severe Chronic Heart Disease	5	40	2 - 79	11	45	6 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 57	14	0	0 - 53
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	19	11	0 - 60	7	0	0 - 93
Musculoskeletal/Skin Conditions	14	0	1 - 36	12	0	0 - 82
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	33	0 -100
Urologic Disease	6	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	21
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

EISENHOWER MEDICAL CENTER

33 BARNES AVENUE
COLORADO SPRINGS, CO 80909

Medicare Hospital Provider Number: 060098

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	453	10	8 - 14	431	12	7 - 15
Cancer	14	43	14 - 64	9	33	11 - 69
Cerebrovascular Accidents	15	20	11 - 52	15	40	9 - 57
Gastrointestinal Catastrophes	6	33	4 - 73	10	40	5 - 64
Infectious Disease	4	0	16 - 79	5	40	4 - 78
Metabolic/Electrolyte Disorders	13	38	5 - 59	5	40	10 - 81
Pulmonary Disease	38	13	12 - 37	34	26	8 - 40
Renal Failure	4	25	13 - 89	4	0	11 - 80
Severe Acute Heart Disease	6	50	11 - 78	7	14	16 - 71
Severe Chronic Heart Disease	16	6	9 - 41	17	24	7 - 49
Severe Trauma	0	-	-	1	0	0 -100
Gastrointestinal Disease	33	6	0 - 40	40	0	0 - 20
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	41	2	1 - 20	30	3	0 - 31
Musculoskeletal/Skin Conditions	52	4	0 - 33	56	2	0 - 19
Neuropsychiatric/Sensory Disease	25	0	0 - 67	18	0	0 - 84
Urologic Disease	16	0	0 - 99	22	5	0 - 44

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	122
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	68
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ESTES PARK MED CTR

555 PROSPECT
ESTES PARK, CO 80517

Medicare Hospital Provider Number: 060088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	107	7	8 - 19	128	8	5 - 16
Cancer	2	50	6 - 94	1	0	2 - 97
Cerebrovascular Accidents	4	50	4 - 82	1	100	0 - 98
Gastrointestinal Catastrophes	2	0	2 - 89	1	0	0 -100
Infectious Disease	2	50	1 - 93	0	-	-
Metabolic/Electrolyte Disorders	1	0	3 - 99	2	0	1 - 90
Pulmonary Disease	5	0	2 - 66	7	0	5 - 52
Renal Failure	1	100	3 -100	0	-	-
Severe Acute Heart Disease	5	0	17 - 72	7	43	16 - 79
Severe Chronic Heart Disease	7	0	9 - 54	5	0	4 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 47	10	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	18	0	0 - 45	24	0	0 - 32
Musculoskeletal/Skin Conditions	4	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	6	0	0 -100
Urologic Disease	5	0	0 - 98	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 52
Occupancy Rate (%): 84
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 6
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 15
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

FAMILY HEALTH WEST

228 NORTH CHERRY ST
FRUITA, CO 81521

Medicare Hospital Provider Number: 060063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	43	19	10 - 34	39	21	8 - 35
Cancer	0	-	-	2	50	2 - 92
Cerebrovascular Accidents	4	0	12 - 75	2	0	2 - 89
Gastrointestinal Catastrophes	3	33	4 - 86	0	-	-
Infectious Disease	2	50	2 - 92	4	25	10 - 84
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	8	25	4 - 65	12	25	4 - 56
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	4	50	10 - 86	0	-	-
Severe Chronic Heart Disease	0	-	-	1	0	0 - 99
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	17	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	1	100	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	140
Occupancy Rate (%):	88
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FORT MORGAN COMMUNITY HOSPITAL

1000 LINCOLN STREET
FORT MORGAN, CO 80701

Medicare Hospital Provider Number: 060044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	256	18	9 - 19	252	19	8 - 19
Cancer	7	57	14 - 78	7	57	8 - 73
Cerebrovascular Accidents	6	33	6 - 73	10	70	8 - 62
Gastrointestinal Catastrophes	1	0	1 - 97	3	33	6 - 87
Infectious Disease	3	0	5 - 79	2	100	5 - 89
Metabolic/Electrolyte Disorders	9	22	3 - 63	8	13	2 - 62
Pulmonary Disease	14	29	6 - 54	8	38	3 - 68
Renal Failure	4	50	13 - 92	1	0	3 - 99
Severe Acute Heart Disease	24	25	21 - 56	17	41	18 - 63
Severe Chronic Heart Disease	7	29	2 - 69	11	27	7 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	26	4	0 - 88	24	4	0 - 66
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	35	11	0 - 46	35	0	1 - 15
Musculoskeletal/Skin Conditions	11	18	0 -100	18	6	0 - 50
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	2	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	35
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	65
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GUNNISON VALLEY HOSPITAL

214 EAST DENVER AVE
GUNNISON, CO 81230

Medicare Hospital Provider Number: 060070

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	56	9	4 - 22	71	13	4 - 22
Cancer	1	100	3 - 98	1	0	0 - 99
Cerebrovascular Accidents	2	0	1 - 90	2	50	2 - 92
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	0 -100
Pulmonary Disease	6	17	2 - 70	3	0	0 - 88
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	20	7 - 75	3	0	6 - 80
Severe Chronic Heart Disease	4	0	1 - 75	8	38	4 - 67
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	4	0	0 -100
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	6	0	0 -100	8	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	17
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HAXTUN HOSPITAL DISTRICT

253 W FLETCHER STREET
HAXTUN, CO 80731

Medicare Hospital Provider Number: 060058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	51	18	9 - 31	53	6	7 - 22
Cancer	2	100	8 - 92	0	-	-
Cerebrovascular Accidents	2	50	1 - 92	2	0	1 - 91
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	4	25	6 - 81
Pulmonary Disease	6	17	3 - 68	5	40	10 - 81
Renal Failure	2	0	10 - 94	0	-	-
Severe Acute Heart Disease	8	50	11 - 72	2	0	3 - 88
Severe Chronic Heart Disease	2	0	0 - 95	3	0	2 - 79
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	3	0	0 -100	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 97	13	0	0 - 81
Musculoskeletal/Skin Conditions	3	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	76
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HUERFANO COUNTY HOSP AND MEDICAL CTR

900 E INDIANA AVE
WALSENBURG, CO 81089

Medicare Hospital Provider Number: 060066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	97	12	14 - 28	135	13	13 - 25
Cancer	0	-	-	3	100	4 - 79
Cerebrovascular Accidents	1	0	1 - 97	5	40	6 - 78
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	2	0	1 - 91
Metabolic/Electrolyte Disorders	1	0	1 - 97	0	-	-
Pulmonary Disease	38	16	17 - 43	36	14	21 - 47
Renal Failure	4	50	9 - 87	2	0	8 - 93
Severe Acute Heart Disease	5	40	15 - 85	5	60	14 - 84
Severe Chronic Heart Disease	4	0	1 - 74	9	11	6 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	10	0	0 - 84
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	7	0	0 - 90	11	9	0 - 83
Musculoskeletal/Skin Conditions	7	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	2	0	0 -100	2	50	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	58
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HUMANA HOSPITAL - MOUNTAIN VIEW

9191 GRANT STREET PO BOX 29120
THORNTON, CO 80229

Medicare Hospital Provider Number: 060065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	909	11	11 - 16	792	11	9 - 15
Cancer	35	29	21 - 53	22	45	19 - 60
Cerebrovascular Accidents	24	29	14 - 51	29	21	13 - 44
Gastrointestinal Catastrophes	10	30	11 - 66	4	25	5 - 80
Infectious Disease	14	29	19 - 66	12	17	14 - 60
Metabolic/Electrolyte Disorders	16	6	5 - 42	13	0	6 - 39
Pulmonary Disease	87	25	19 - 40	59	19	13 - 36
Renal Failure	14	21	18 - 73	4	25	13 - 89
Severe Acute Heart Disease	32	25	24 - 55	29	45	20 - 56
Severe Chronic Heart Disease	44	16	14 - 38	51	27	14 - 40
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	61	2	1 - 12	56	5	0 - 24
Gynecologic Disease	10	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	89	1	1 - 8	116	3	1 - 10
Musculoskeletal/Skin Conditions	93	4	1 - 13	80	1	0 - 13
Neuropsychiatric/Sensory Disease	20	5	0 - 98	25	0	0 - 76
Urologic Disease	28	7	0 - 45	25	4	0 - 90

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	172
Occupancy Rate (%):	52
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	117
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	165
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

[illegible] Street
[illegible] Colorado
[illegible]
[illegible]

Jack Shapiro
[illegible]

**Humana Hospital
Mountain View**

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specificlly, and the health care industry in general, with quality assurance information should be commended.

I also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

I am very proud of our quality assurance program that is in place at Humana Hospital - Mountain View; it is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The medical records department, quality assurance staff, and/or medical staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients in many cases is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

I also am concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Jack Shapiro

Jack Shapiro
Executive Director

HUMANA HOSPITAL AURORA

1501 SOUTH POTOMAC
AURORA, CO 80012

Medicare Hospital Provider Number: 060087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	679	11	8 - 14	669	9	8 - 13
Cancer	13	69	16 - 64	18	33	23 - 67
Cerebrovascular Accidents	23	26	11 - 47	20	25	12 - 50
Gastrointestinal Catastrophes	7	71	13 - 75	3	0	7 - 80
Infectious Disease	1	100	1 - 97	2	0	3 - 88
Metabolic/Electrolyte Disorders	17	18	7 - 49	25	28	4 - 46
Pulmonary Disease	46	28	13 - 41	26	12	9 - 38
Renal Failure	2	50	5 - 94	4	25	9 - 85
Severe Acute Heart Disease	29	34	23 - 58	21	33	20 - 60
Severe Chronic Heart Disease	19	11	14 - 46	23	17	8 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	41	2	0 - 28	43	0	0 - 18
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	76	4	1 - 14	66	6	1 - 19
Musculoskeletal/Skin Conditions	103	5	0 - 15	93	3	0 - 13
Neuropsychiatric/Sensory Disease	12	0	0 -100	11	0	0 - 96
Urologic Disease	36	0	0 - 75	37	0	0 - 47

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	186
Occupancy Rate (%):	45
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	135
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	153
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

1501 South Potomac Street
Aurora, Colorado
80012
Telephone 303 695-2600

Humana Hospital
Aurora

PROVIDER: #060087

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and health care industry's ongoing quality assurance programs.

HCFA's effort to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

We also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

We are very proud of our quality assurance program that is in place at Humana Hospital-Aurora; it is well-established and includes routine reviews by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The medical records department and quality assurance staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients in many cases is to limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

All categories listed were reviewed. We have determined that under category Cancer, for calendar year 1987, this hospital's actual mortality rate was 69%.

The following is a summary of case review for this diagnostic category:

13 patients discharged 1987
5 patients expired in-hospital
4 patients expired after discharge but within 30 days of admission

Of the 5 in-hospital deaths all cases were evaluated by physicians utilizing set mortality review criteria. All cases were found to be appropriately managed and treated.

Of the 4 patients who expired within 30 days of admission, 1 was transferred to Hospice for supportive care, 3 were transferred to nursing homes for supportive care and 1 discharged to home for out-patient care. None of these 9 mortality cases were newly diagnosed cancer patients. The patients that were discharged are noted to have had a poor prognosis.

Under category Infectious Disease, one case was identified. This case was evaluated by physicians utilizing set mortality criteria. The case was found to be appropriately managed and treated.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality health care services.

Sincerely,

William K. Atkinson, M.P.H.
Executive Director
Humana Hospital-Aurora

mqt

KIT CARSON COUNTY MEMORIAL HOSPITAL

286 16TH ST
BURLINGTON, CO 80807

Medicare Hospital Provider Number: 060037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	14	8 - 22	96	17	10 - 26
Cancer	1	100	3 - 99	2	50	4 - 93
Cerebrovascular Accidents	4	50	10 - 86	5	40	5 - 77
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	1	0	1 - 97	1	0	3 - 98
Metabolic/Electrolyte Disorders	1	100	0 - 99	3	33	4 - 86
Pulmonary Disease	13	31	10 - 59	14	14	8 - 49
Renal Failure	0	-	-	1	100	1 -100
Severe Acute Heart Disease	4	25	6 - 80	9	33	17 - 73
Severe Chronic Heart Disease	6	17	2 - 70	3	33	1 - 88
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	7	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 -100	8	0	0 -100
Musculoskeletal/Skin Conditions	11	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	3	33	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	29
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KREMMLING MEMORIAL HOSPITAL

212 S 4TH ST
KREMMLING, CO 80459

Medicare Hospital Provider Number: 060090

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	67	9	7 - 23	82	5	7 - 18
Cancer	0	-	-	1	0	0 - 98
Cerebrovascular Accidents	6	33	4 - 73	7	0	13 - 57
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	0	6 - 90	1	0	2 - 98
Metabolic/Electrolyte Disorders	4	0	2 - 72	1	0	0 -100
Pulmonary Disease	7	0	9 - 55	1	0	0 - 99
Renal Failure	0	-	-	1	0	0 - 99
Severe Acute Heart Disease	2	50	6 - 94	4	50	7 - 83
Severe Chronic Heart Disease	4	25	1 - 85	6	0	6 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	11	0	0 - 97	14	0	0 - 82
Musculoskeletal/Skin Conditions	2	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	100	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	24
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAPLATA COMMUNITY HOSPITAL

3801 MAIN AVENUE
DURANGO, CO 81301

Medicare Hospital Provider Number: 060039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	174	7	7 - 16	243	14	8 - 17
Cancer	6	33	14 - 79	7	57	18 - 82
Cerebrovascular Accidents	3	33	2 - 86	9	44	5 - 66
Gastrointestinal Catastrophes	0	-	-	2	0	4 - 88
Infectious Disease	4	50	7 - 84	4	50	3 - 82
Metabolic/Electrolyte Disorders	2	0	0 - 95	6	17	4 - 69
Pulmonary Disease	14	7	5 - 42	21	19	8 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	40	9 - 80	7	43	12 - 75
Severe Chronic Heart Disease	7	0	6 - 52	14	36	5 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 65	18	0	0 - 64
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	16	0	0 - 37	16	6	0 - 66
Musculoskeletal/Skin Conditions	10	0	0 - 81	29	7	0 - 53
Neuropsychiatric/Sensory Disease	15	0	0 - 99	17	6	0 - 82
Urologic Disease	8	0	0 -100	15	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	51
Occupancy Rate (%):	33
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	67
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LINCOLN COMMUNITY HOSPITAL

P O BOX 248
HUGO, CO 80821

Medicare Hospital Provider Number: 060062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	80	19	9 - 27	74	12	9 - 25
Cancer	1	100	1 -100	0	-	-
Cerebrovascular Accidents	4	0	6 - 71	4	0	6 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	1 - 93	2	0	4 - 89
Pulmonary Disease	6	17	3 - 69	6	33	7 - 74
Renal Failure	2	50	7 - 96	2	50	6 - 95
Severe Acute Heart Disease	3	67	10 - 91	7	57	9 - 73
Severe Chronic Heart Disease	11	36	5 - 60	3	33	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 77	1	0	0 -100
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	5	0	0 - 99	9	0	0 - 77
Musculoskeletal/Skin Conditions	12	17	0 - 81	6	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	3	0	0 - 98	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	71
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	0
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LONGMONT UNITED HOSPITAL

1950 WEST MOUNTAIN VIEW AVE
LONGMONT, CO 80501

Medicare Hospital Provider Number: 060003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,067	10	9 - 14	1,174	10	9 - 14
Cancer	24	46	22 - 62	23	43	21 - 61
Cerebrovascular Accidents	51	22	17 - 41	29	21	13 - 44
Gastrointestinal Catastrophes	7	29	10 - 72	10	10	11 - 58
Infectious Disease	9	11	12 - 61	10	10	12 - 58
Metabolic/Electrolyte Disorders	14	29	8 - 57	30	23	10 - 45
Pulmonary Disease	42	19	9 - 36	46	20	14 - 40
Renal Failure	5	40	9 - 84	4	50	11 - 89
Severe Acute Heart Disease	44	25	26 - 53	54	44	25 - 53
Severe Chronic Heart Disease	40	22	11 - 39	59	17	11 - 32
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	79	6	0 - 19	83	6	1 - 16
Gynecologic Disease	14	7	0 -100	9	0	0 -100
Low-Risk Heart Disease	139	1	2 - 7	172	2	1 - 7
Musculoskeletal/Skin Conditions	166	1	1 - 6	164	2	1 - 7
Neuropsychiatric/Sensory Disease	18	11	0 - 73	36	3	0 - 70
Urologic Disease	35	0	0 - 63	39	0	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	128
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	164
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LUTHERAN HOSP AND MED CTR

8300 N 38TH AVENUE
WHEAT RIDGE, CO 80033

Medicare Hospital Provider Number: 060009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,078	9	8 - 12	3,093	10	9 - 13
Cancer	82	44	30 - 55	90	32	27 - 51
Cerebrovascular Accidents	88	15	19 - 35	112	17	19 - 36
Gastrointestinal Catastrophes	37	35	20 - 55	24	42	15 - 56
Infectious Disease	26	27	18 - 55	33	33	20 - 55
Metabolic/Electrolyte Disorders	55	22	11 - 39	54	19	12 - 40
Pulmonary Disease	177	25	15 - 32	191	17	17 - 32
Renal Failure	7	71	15 - 82	8	25	12 - 77
Severe Acute Heart Disease	103	33	26 - 46	121	32	29 - 48
Severe Chronic Heart Disease	80	13	14 - 30	110	34	15 - 34
Severe Trauma	14	43	10 - 62	6	67	13 - 80
Gastrointestinal Disease	240	4	1 - 8	227	3	1 - 7
Gynecologic Disease	57	0	0 -100	50	0	0 -100
Low-Risk Heart Disease	302	3	2 - 6	288	3	2 - 6
Musculoskeletal/Skin Conditions	376	2	1 - 5	388	4	1 - 6
Neuropsychiatric/Sensory Disease	98	4	1 - 14	114	6	1 - 14
Urologic Disease	169	1	0 - 7	133	3	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	347
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	259
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	543
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

8300 West 38th Avenue
Wheat Ridge, Colorado 80033
(303) 425-4500

**LUTHERAN
MEDICAL CENTER**

MEDICARE PROVIDER: 060009

Lutheran Medical Center appreciates the continued efforts of the Health Care Finance Administration in improving the methodology by which expected mortality is calculated.

We continue to believe that ongoing quality assurance activities at Lutheran contribute to the maintenance of high quality care for Medicare and Non-Medicare patients alike.

MCKEE MEDICAL CENTER

2000 BOISE AVE
LOVELAND, CO 80537

Medicare Hospital Provider Number: 060030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,008	9	9 - 14	993	12	9 - 14
Cancer	24	38	25 - 64	29	59	27 - 64
Cerebrovascular Accidents	30	10	18 - 42	32	34	14 - 47
Gastrointestinal Catastrophes	10	30	14 - 69	10	40	12 - 69
Infectious Disease	18	22	14 - 55	19	37	18 - 62
Metabolic/Electrolyte Disorders	20	5	6 - 38	14	14	7 - 51
Pulmonary Disease	58	16	17 - 39	45	27	14 - 42
Renal Failure	5	40	9 - 83	1	0	0 -100
Severe Acute Heart Disease	41	34	23 - 53	55	44	24 - 52
Severe Chronic Heart Disease	47	15	13 - 35	35	23	13 - 42
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	74	0	1 - 8	80	1	1 - 10
Gynecologic Disease	21	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	109	6	1 - 13	111	4	1 - 10
Musculoskeletal/Skin Conditions	108	4	0 - 14	117	3	0 - 11
Neuropsychiatric/Sensory Disease	28	0	0 - 50	34	6	0 - 54
Urologic Disease	48	0	0 - 31	56	0	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	105
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	67
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	114
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

McKee Medical Center
2000 Boise Avenue
Loveland, Colorado 80538
303-669-4640

HOSPITAL ID: 060030

October 4, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland, 21207

Dear Mrs. Kappert:

The following corrections should be made to the Medicare Hospital Mortality Information, Hospital characteristics:

1. Zip code should be 80538.
2. Beds (#) in 1986 was 100 and in 1988 is 105.
3. Total number of physicians is 111 with 66 active.
4. Speciality Services

Shock/Trauma or Burn Unit	No
Coronary Care Unit	Yes
Organ Transplant Service	No
Hospice Care	Yes

Sincerely,

Maureen J Klocek

Maureen J. Klocek, RRA
Director of Medical Record Services

MELISSA MEMORIAL HOSPITAL

505 SOUTH BAXTER
HOLYOKE, CO 80734

Medicare Hospital Provider Number: 060038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	60	18	5 - 27	60	13	9 - 27
Cancer	2	100	4 - 88	0	-	-
Cerebrovascular Accidents	1	100	1 - 97	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	1	0	2 - 97
Infectious Disease	1	100	0 - 98	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	4	25	2 - 80	5	0	5 - 63
Renal Failure	2	50	3 - 92	2	0	5 - 90
Severe Acute Heart Disease	3	33	7 - 88	5	40	12 - 83
Severe Chronic Heart Disease	1	0	0 - 98	5	40	3 - 77
Severe Trauma	1	100	1 - 97	0	-	-
Gastrointestinal Disease	5	0	0 -100	4	0	0 - 99
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	5	0	0 - 93	3	33	0 - 95
Musculoskeletal/Skin Conditions	6	0	0 - 99	5	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	3	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 18
Occupancy Rate (%): 22
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 8
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MELISSA MEMORIAL HOSPITAL
East Phillips County Hospital District
505 SOUTH BAXTER
HOLYOKE, COLORADO 80734
BOARD OF DIRECTORS
W. C. McElhannon, Administrator MC Provider #060038

HEALTH STANDARS AND QUALITY BUREAU, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Mortality Data for Melissa Memorial Hospital, 1987, after careful review by our Medical Records Department, appears to be correct.

We noted that 11 deaths occurred within 30 days after discharge from our institution. 9 of these deaths occurred in the institution and two of the deaths occurred in the local nursing home within 30 days after transfer from the hospital. The cases have all been reviewed by our Medical Care Appraisal Committee.

The mean age of these patients was 83.54 with the median age being 83 years and three of the patients were over age 90, thus making the odds of death occurring greater.

Of the 11 deaths, seven fell into the high risk diagnostic category, two in the low risk, and two due to other causes.

We must point out that the study shows we are out of the Range for Predicted Mortality in four categories, in three of which we had only one patient and one of which we had two patients. On review, it appears we had more patients in these diagnostic categories through the year, but they were readmitted during the year with another diagnosis, thus removing them from that category. Thus, we feel, because of the low numbers, and because in all probablity, we had more cases in the diagnostic categories throughout the year, this is not really a very valid actual mortality rate, showing 100% mortality in four of the diagnostic categories.

Thankyou.

Sincerely,

W. C. McElhannon
W. C. McElhannon, Administrator

WCM/bmc

MEMORIAL HOSPITAL

1400 EAST BOULDER
COLORADO SPRINGS, CO 80909

Medicare Hospital Provider Number: 060022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,197	11	8 - 13	1,306	10	8 - 13
Cancer	32	31	24 - 57	29	31	17 - 53
Cerebrovascular Accidents	34	32	12 - 44	36	36	15 - 47
Gastrointestinal Catastrophes	6	83	7 - 70	16	50	16 - 64
Infectious Disease	11	9	12 - 55	8	25	12 - 70
Metabolic/Electrolyte Disorders	19	26	9 - 52	17	6	8 - 42
Pulmonary Disease	66	14	14 - 34	42	31	12 - 42
Renal Failure	7	29	12 - 79	5	0	5 - 71
Severe Acute Heart Disease	69	25	25 - 47	67	25	27 - 50
Severe Chronic Heart Disease	35	46	11 - 44	68	18	12 - 32
Severe Trauma	3	33	1 - 90	0	-	-
Gastrointestinal Disease	88	3	0 - 14	99	1	1 - 8
Gynecologic Disease	11	9	0 -100	19	0	0 -100
Low-Risk Heart Disease	193	3	1 - 7	206	3	1 - 7
Musculoskeletal/Skin Conditions	113	3	0 - 11	138	2	0 - 9
Neuropsychiatric/Sensory Disease	31	6	0 - 52	34	3	0 - 61
Urologic Disease	50	2	0 - 38	47	0	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	367
Occupancy Rate (%):	46
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	187
Percent of Physicians Who Are Board Certified Specialists:	79
Interns and Residents:	0
Registered Nurses:	425
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSPITAL

October 24, 1988

Medicare Provider No.: 060022

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Memorial Hospital, Colorado Springs, has reviewed the recently distributed Medicare Hospital Mortality data and would like to offer the following comments and corrections.

Since your analysis of the mortality data relies upon the principal diagnosis (the condition, determined after study, for the patient's admission), the implications of the report may not be as they appear to the public. Consequently, we would suggest a separate cause of death code field or modifier be incorporated in the UB-82 to enhance the data analysis and provide more meaningful mortality rates.

In reviewing the data, we found diagnostic coding errors on two of the deaths in the Severe Chronic Heart Disease category. One should have been coded Severe Acute Heart Disease and one Renal Failure. Making these changes would correct the statistics as follows:

	Reported by HCFA	Corrected	HCFA Range
Severe Chronic Heart Disease	46%	40%	11-44%
Severe Acute Heart Disease	25%	26%	25-47%
Renal Failure	29%	43%	12-79%

A thorough review of the mortality data, specifically the categories of Gastrointestinal Catastrophies and Severe Chronic Heart Disease, revealed that 19 out of the 21 deaths, in these two categories, had a comorbid disease process present, and 60% of those deaths due to Gastrointestinal Catastrophies were 80 years old or older while almost 40% of the deaths due to Severe Chronic Heart Disease were 80 years old or older. In fact, over 50% of the Severe Chronic Heart Disease deaths were in do not resuscitate status. Because of the severity of the cases in these two categories, we would like to know how the incidence of patients over 79 and with comorbidity in the total population of Gastrointestinal Catastrophies compares with that in Memorial Hospital's population. Likewise, we would like to have the same data in the Severe Chronic Heart disease category on patients over age 79 and those in do not resuscitate status.

Sincerely,

J Robert Peters

J. Robert Peters
Executive Director

MEMORIAL HOSPITAL

785 RUSSELL ST
CRAIG, CO 81625

Medicare Hospital Provider Number: 060046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	112	15	6 - 21	117	9	6 - 18
Cancer	5	60	9 - 80	2	100	4 - 88
Cerebrovascular Accidents	5	60	6 - 78	6	17	5 - 68
Gastrointestinal Catastrophes	2	50	1 - 92	2	100	8 - 92
Infectious Disease	2	50	2 - 92	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	4	0	0 - 87
Pulmonary Disease	10	10	3 - 52	9	11	9 - 57
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	6	17	9 - 70	3	0	7 - 80
Severe Chronic Heart Disease	4	0	4 - 70	3	0	3 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 98	8	0	0 -100
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	12	8	0 - 96	14	14	0 - 94
Musculoskeletal/Skin Conditions	13	0	0 - 96	10	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	7	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	30
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	12
Percent of Physicians Who Are Board Certified Specialists:	42
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY MEDICAL CENTER

1650 FILLMORE STREET
DENVER, CO 80206

Medicare Hospital Provider Number: 060026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,527	11	9 - 13	1,612	12	10 - 14
Cancer	54	54	26 - 55	53	51	30 - 60
Cerebrovascular Accidents	45	13	15 - 37	39	23	15 - 42
Gastrointestinal Catastrophes	13	38	14 - 65	15	20	12 - 56
Infectious Disease	11	18	11 - 59	8	50	17 - 78
Metabolic/Electrolyte Disorders	26	19	7 - 44	17	18	3 - 48
Pulmonary Disease	80	25	15 - 37	108	29	16 - 36
Renal Failure	3	33	3 - 87	3	33	5 - 88
Severe Acute Heart Disease	48	19	26 - 50	63	27	28 - 51
Severe Chronic Heart Disease	64	16	13 - 32	70	27	15 - 37
Severe Trauma	3	67	5 - 87	3	0	1 - 82
Gastrointestinal Disease	114	6	1 - 13	96	4	1 - 13
Gynecologic Disease	11	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	168	2	1 - 7	203	4	2 - 8
Musculoskeletal/Skin Conditions	161	4	1 - 9	143	1	1 - 6
Neuropsychiatric/Sensory Disease	35	9	0 - 67	57	2	1 - 14
Urologic Disease	96	1	0 - 11	85	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	386
Occupancy Rate (%):	39
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	160
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	24
Registered Nurses:	114
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY MEDICAL CENTER
ST ANTHONY HOSPITAL SYSTEMS

Medicare Provider Number: 060026

MERCY MEDICAL CENTER
MORTALITY STATISTICS COMMENTS

The mortality data for 1987 reflects that mortality rates for Mercy Medical Center, Denver, Colorado are within the "Range for Predicted Mortality."

This hospital's administration, staff, and medical staff values quality of care for our patients and has a commitment to provide quality care. A review of all admissions and all hospital mortalities is performed retrospectively on a monthly basis by the appropriate medical staff department and a member of the Department of Pathology. When an opportunity to improve the quality of care is identified, appropriate action is taken by the medical staff and administration, as indicated.

HCFA's data is not all-inclusive. The mortality rates apply only to Medicare patients. The HCFA data assumes that each hospital's patients are "average" and does not include a measure of severity, whether there was previous treatment, whether the patient had a terminal illness, or the patient's psychological state or general health status. AHA, JCAHO, and others are investigating methods of evaluating quality that rely on measures other than mortality rates. The hospital looks forward to the outcome of those efforts.

1650 Fillmore Street
Denver, Colorado 80206
(303 393-3000

MERCY MEDICAL CENTER OF DURANGO

375 E PARK AVENUE
DURANGO, CO 81301

Medicare Hospital Provider Number: 060013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	605	11	9 - 15	640	10	9 - 15
Cancer	20	55	22 - 65	21	43	19 - 61
Cerebrovascular Accidents	23	30	10 - 48	18	39	10 - 54
Gastrointestinal Catastrophes	7	29	12 - 74	6	67	15 - 81
Infectious Disease	5	20	8 - 75	5	40	8 - 79
Metabolic/Electrolyte Disorders	13	23	7 - 56	10	30	7 - 63
Pulmonary Disease	35	17	13 - 41	45	18	17 - 42
Renal Failure	3	100	10 - 85	3	33	7 - 90
Severe Acute Heart Disease	26	35	21 - 58	27	22	25 - 58
Severe Chronic Heart Disease	18	33	10 - 53	19	16	8 - 44
Severe Trauma	4	25	2 - 81	1	0	1 - 97
Gastrointestinal Disease	47	0	0 - 13	42	0	0 - 15
Gynecologic Disease	13	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	74	3	1 - 12	92	3	1 - 11
Musculoskeletal/Skin Conditions	70	7	0 - 33	67	0	1 - 9
Neuropsychiatric/Sensory Disease	13	8	0 - 88	9	0	0 - 89
Urologic Disease	32	0	0 - 76	43	0	0 - 39

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	101
Occupancy Rate (%):	46
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	80
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	0
Registered Nurses:	86
Licensed Practical Nurses:	11

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

MERCY MEDICAL CENTER

375 E. Park Avenue • Durango, Colorado 81301 • 303/247-4311

October 24, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

I would like to take this opportunity to comment on the Medicare Hospital Mortality Information that is to be released in the near future. I appreciate the opportunity to comment on this material and HCFA's efforts to improve the accuracy over last year's data release.

I do have some concerns regarding the data. The data includes deaths of individuals who may have been in nursing homes, other types of care facilities, in addition to individuals who went home from the hospital. I do not feel that information on these individuals should be included in mortality information listed for our hospital.

Mercy Medical Center offers a cancer center as part of its services. We receive many cancer patient referrals throughout the Four Corners region which would obviously increase our mortality figures.

Mercy Medical Center does not have a dialysis unit. We refer our patients needing renal dialysis to a facility offering these services. The patients that are admitted to Mercy are usually in the last stages of the disease who would no longer benefit from dialysis. As a result, our mortality figure for this category is artificially high.

The HCFA information identifying the hospital characteristics was to be obtained from the 1986 AHA files. Portions of the data reported for Mercy Medical Center was erroneous; however the data was correct as listed in the 1986 AHA Guide.

Mercy Medical Center is licensed for 105 beds, of which 94 are acute care beds and 11 are Medicare certified skilled nursing beds. Mercy has been experiencing an occupancy rate of 59% in our acute care beds. We do not have burn unit, but we do have an Intensive Care Unit and offer hospice care services. Our Medical Staff is currently comprised of 81 physicians with 74 of these physicians being board certified.

I would also like to point out the difficulty in comparing hospital statistics due to the different types of services and level of care offered at each institution.

Sincerely,

David Jacobsen

David Jacobsen
Chief Operating Officer

DJ:co

MONTE VISTA COMMUNITY HOSP

95 W FIRST AVE
MONTE VISTA, CO 81144

Medicare Hospital Provider Number: 060067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	91	14	10 - 25	130	15	10 - 23
Cancer	1	100	1 - 97	4	50	16 - 92
Cerebrovascular Accidents	3	67	5 - 86	3	0	6 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	2 - 98	1	0	2 -100
Metabolic/Electrolyte Disorders	1	100	2 - 97	3	33	0 - 92
Pulmonary Disease	18	17	11 - 48	16	13	12 - 49
Renal Failure	1	0	3 - 98	1	0	1 - 97
Severe Acute Heart Disease	6	33	16 - 81	12	58	12 - 64
Severe Chronic Heart Disease	4	75	3 - 80	6	33	2 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 70	8	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	9	0	1 - 53	15	7	0 - 75
Musculoskeletal/Skin Conditions	7	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	12	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	21
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

MONTROSE MEMORIAL HOSP

800 S 3RD ST
MONTROSE, CO 81401

Medicare Hospital Provider Number: 060006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	509	8	9 - 15	584	9	9 - 15
Cancer	12	42	15 - 67	15	60	20 - 68
Cerebrovascular Accidents	26	12	13 - 40	17	24	10 - 51
Gastrointestinal Catastrophes	6	50	14 - 81	5	40	7 - 79
Infectious Disease	8	13	15 - 67	7	29	12 - 73
Metabolic/Electrolyte Disorders	1	0	0 - 99	9	11	1 - 62
Pulmonary Disease	25	8	13 - 40	24	21	17 - 52
Renal Failure	1	0	0 - 99	3	0	10 - 86
Severe Acute Heart Disease	33	18	25 - 53	36	17	27 - 53
Severe Chronic Heart Disease	15	13	7 - 46	22	18	10 - 44
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	40	5	0 - 59	51	0	0 - 12
Gynecologic Disease	9	0	0 -100	14	0	0 -100
Low-Risk Heart Disease	48	0	1 - 11	54	6	1 - 20
Musculoskeletal/Skin Conditions	45	4	0 - 31	50	2	0 - 48
Neuropsychiatric/Sensory Disease	20	0	0 - 48	25	0	0 - 51
Urologic Disease	29	0	0 - 83	33	0	0 - 64

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	75
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	32
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	55
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MOUNT SAN RAFAEL HOSP

410 BENEDICTA AVE
TRINIDAD, CO 81082

Medicare Hospital Provider Number: 060033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	249	11	9 - 18	256	12	11 - 20
Cancer	4	0	11 - 74	5	40	16 - 86
Cerebrovascular Accidents	7	14	6 - 63	14	7	14 - 48
Gastrointestinal Catastrophes	0	-	-	1	100	2 - 97
Infectious Disease	15	20	13 - 57	8	38	12 - 73
Metabolic/Electrolyte Disorders	3	0	3 - 80	2	0	2 - 89
Pulmonary Disease	25	8	10 - 37	34	12	11 - 37
Renal Failure	4	50	6 - 85	2	0	1 - 91
Severe Acute Heart Disease	12	25	17 - 65	15	27	23 - 67
Severe Chronic Heart Disease	13	31	4 - 56	15	13	9 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	4	0 - 66	19	0	0 - 75
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	34	3	0 - 27	22	0	0 - 39
Musculoskeletal/Skin Conditions	18	0	0 - 46	27	15	0 - 75
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	66
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Mount San Rafael Hospital
Trinidad, Colorado

Provider Number: 06-0033

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

NORTH COLORADO MEDICAL CTR

16TH STREET AT 17TH AVE
GREELEY, CO 80631

Medicare Hospital Provider Number: 060001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,418	9	9 - 13	2,326	11	8 - 13
Cancer	89	26	27 - 50	92	41	28 - 53
Cerebrovascular Accidents	55	18	16 - 38	51	22	16 - 40
Gastrointestinal Catastrophes	18	39	11 - 57	12	50	13 - 67
Infectious Disease	22	23	18 - 56	15	33	16 - 63
Metabolic/Electrolyte Disorders	19	26	5 - 50	13	15	5 - 52
Pulmonary Disease	127	19	18 - 35	116	29	16 - 35
Renal Failure	14	64	8 - 67	6	33	9 - 80
Severe Acute Heart Disease	115	32	29 - 48	86	36	27 - 49
Severe Chronic Heart Disease	67	10	12 - 29	64	22	14 - 36
Severe Trauma	5	0	6 - 65	2	50	1 - 94
Gastrointestinal Disease	204	2	1 - 7	199	5	1 - 9
Gynecologic Disease	19	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	315	4	2 - 7	296	4	2 - 7
Musculoskeletal/Skin Conditions	337	1	1 - 5	296	4	1 - 7
Neuropsychiatric/Sensory Disease	123	1	0 - 8	133	1	0 - 7
Urologic Disease	87	0	1 - 7	102	4	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 326
Occupancy Rate (%): 47
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 151
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: 16
Registered Nurses: 213
Licensed Practical Nurses: 13

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

North Colorado
Medical Center

1801 16th Street
Greeley, Colorado 80631-5199
(303) 352-4121

September 28, 1988

Ms Sandra Kappert
Health Care Financing Administration
Meadow East Bldg. 2-D-2
6325 Security Blvd.
Baltimore, MD 21207

Dear Ms Kappert:

After review of our 1987 mortality data, I noted the following errors in the hospital characteristics taken from our 1986 AHA survey:

- Our AHA 1986 survey reports 326 beds, not 213
- % of physicians who are board certified was reported at 85% in 1986, not 61%.

If you have any questions, please feel free to call met at (303) 350-6104. Thank you for making these corrections.

Sincerely,

Vicki L Baier

Vicki L. Baier
Planning & Marketing Manager

VLB:jl

OAK VIEW HOSPITAL

1920 HIGH STREET
DENVER, CO 80218

Medicare Hospital Provider Number: 060092

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	20	0	0 - 99	23	0	0 - 99
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	20	0	0 - 99	23	0	0 - 99
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

PARKVIEW EPISCOPAL MED CTR

400 W 16TH ST
PUEBLO, CO 81003

Medicare Hospital Provider Number: 060020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,143	14	10 - 15	1,279	12	9 - 14
Cancer	42	26	22 - 52	46	41	26 - 57
Cerebrovascular Accidents	65	15	17 - 37	50	36	13 - 41
Gastrointestinal Catastrophes	10	40	14 - 71	9	22	6 - 63
Infectious Disease	23	30	22 - 61	14	36	12 - 62
Metabolic/Electrolyte Disorders	7	43	3 - 72	10	30	3 - 63
Pulmonary Disease	70	27	15 - 38	72	33	13 - 37
Renal Failure	7	71	14 - 80	9	44	10 - 76
Severe Acute Heart Disease	37	46	26 - 58	55	29	25 - 50
Severe Chronic Heart Disease	60	28	10 - 34	52	13	13 - 34
Severe Trauma	3	0	6 - 80	7	14	5 - 65
Gastrointestinal Disease	59	5	0 - 28	99	3	1 - 11
Gynecologic Disease	9	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	134	5	1 - 11	176	2	1 - 7
Musculoskeletal/Skin Conditions	121	2	0 - 10	116	3	1 - 10
Neuropsychiatric/Sensory Disease	61	5	0 - 35	79	5	0 - 20
Urologic Disease	39	0	0 - 26	41	0	0 - 32

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 239
Occupancy Rate (%): 52
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 79
Percent of Physicians Who Are Board Certified Specialists: 29
Interns and Residents: 0
Registered Nurses: 180
Licensed Practical Nurses: 51

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PENROSE HOSPITAL

2215 NORTH CASCADE
COLORADO SPRINGS, CO 80907

Medicare Hospital Provider Number: 060031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,666	11	9 - 13	2,863	10	9 - 13
Cancer	99	48	29 - 52	110	38	29 - 52
Cerebrovascular Accidents	79	25	17 - 37	74	28	19 - 40
Gastrointestinal Catastrophes	34	29	15 - 50	25	16	18 - 52
Infectious Disease	28	32	22 - 58	43	40	22 - 55
Metabolic/Electrolyte Disorders	18	39	7 - 54	40	15	10 - 39
Pulmonary Disease	139	19	16 - 32	115	26	15 - 35
Renal Failure	20	35	12 - 66	25	36	18 - 71
Severe Acute Heart Disease	116	33	27 - 47	115	35	29 - 48
Severe Chronic Heart Disease	97	18	15 - 32	93	22	15 - 33
Severe Trauma	11	18	8 - 59	9	33	9 - 68
Gastrointestinal Disease	147	2	1 - 8	164	3	1 - 8
Gynecologic Disease	25	0	0 -100	28	0	0 -100
Low-Risk Heart Disease	302	3	2 - 6	304	5	2 - 7
Musculoskeletal/Skin Conditions	358	4	1 - 6	362	1	1 - 4
Neuropsychiatric/Sensory Disease	79	4	0 - 22	125	3	0 - 14
Urologic Disease	112	0	0 - 7	131	0	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	460
Occupancy Rate (%):	63
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	231
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	4
Registered Nurses:	467
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PIONEERS HOSP OF RIO BLANCO

345 CLEVELAND
MEEKER, CO 81641

Medicare Hospital Provider Number: 060041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	18	0	4 - 26	28	21	5 - 38
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	1	100	1 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	8	25	9 - 67
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	2	50	3 - 92
Severe Chronic Heart Disease	5	0	5 - 63	2	100	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	5	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	74
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PLATTE VALLEY MEDICAL CTR

1850 EGBERT ST
BRIGHTON, CO 80601

Medicare Hospital Provider Number: 060004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	415	13	9 - 16	408	11	10 - 17
Cancer	7	43	14 - 78	6	50	6 - 75
Cerebrovascular Accidents	17	12	13 - 47	12	33	10 - 61
Gastrointestinal Catastrophes	4	50	3 - 82	5	0	10 - 67
Infectious Disease	5	20	11 - 78	6	33	9 - 76
Metabolic/Electrolyte Disorders	10	20	7 - 60	14	21	3 - 54
Pulmonary Disease	46	30	11 - 40	56	32	15 - 42
Renal Failure	4	50	8 - 86	2	50	5 - 94
Severe Acute Heart Disease	16	19	17 - 57	16	19	24 - 63
Severe Chronic Heart Disease	22	14	10 - 42	25	8	13 - 39
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	32	3	0 - 44	31	3	0 - 37
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	41	2	1 - 17	48	4	0 - 21
Musculoskeletal/Skin Conditions	48	2	0 - 17	37	0	0 - 18
Neuropsychiatric/Sensory Disease	6	0	0 -100	12	8	0 - 92
Urologic Disease	9	0	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 58
Occupancy Rate (%): 36
Ownership/Control: Church

STAFFING

Total Number of Physicians: 32
Percent of Physicians Who Are Board Certified Specialists: 69
Interns and Residents: 0
Registered Nurses: 55
Licensed Practical Nurses: 6

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PORTER MEMORIAL HOSPITAL

2525 SOUTH DOWNING STREET
DENVER, CO 80210

Medicare Hospital Provider Number: 060064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,864	9	10 - 14	2,865	11	10 - 14
Cancer	100	43	34 - 58	94	39	32 - 56
Cerebrovascular Accidents	77	23	20 - 40	51	27	16 - 41
Gastrointestinal Catastrophes	25	32	19 - 58	26	35	15 - 54
Infectious Disease	16	25	18 - 61	19	32	21 - 64
Metabolic/Electrolyte Disorders	32	16	12 - 44	60	20	12 - 39
Pulmonary Disease	135	24	15 - 33	138	28	18 - 36
Renal Failure	8	38	12 - 78	16	44	13 - 71
Severe Acute Heart Disease	160	24	29 - 45	130	31	31 - 50
Severe Chronic Heart Disease	119	21	17 - 33	122	17	15 - 30
Severe Trauma	5	0	8 - 66	6	33	7 - 75
Gastrointestinal Disease	190	1	2 - 6	170	4	1 - 9
Gynecologic Disease	8	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	354	3	2 - 6	349	5	2 - 7
Musculoskeletal/Skin Conditions	244	2	1 - 6	223	2	1 - 6
Neuropsychiatric/Sensory Disease	265	0	1 - 5	260	1	1 - 6
Urologic Disease	97	1	0 - 14	83	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 352
Occupancy Rate (%): 69
Ownership/Control: Church

STAFFING

Total Number of Physicians: 365
Percent of Physicians Who Are Board Certified Specialists: 95
Interns and Residents: 4
Registered Nurses: 440
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

Porter Memorial Hospital

Medicare Providor #060064

RE: Response to HCFA Mortality Data

I. Errors Identified

Ninety-two (92) patients were listed on the HCFA mortality list as having expired within 30 days of their last admission to Porter Memorial Hospital. Twenty-one (21) of those patients listed actually died in the hospital during the inpatient stay instead of outside the hospital as the HCFA report states. Of those 21 patients fourteen (14) had orders for DNR (Do Not Resuscitate) indicating that these patients were terminal and death was imminent; and seven (7) were actually resuscitated, however resuscitation attempts failed.

Hospital Characteristics DATA ERRORS

Porter Memorial hospital presently has a bed capacity of 352 instead of 237 as stated by HCFA. This discrepancy would revise Porter Memorial Hospital's Actual Mortality Rate thus effecting how Porter Memorial Hospital fell within the Range for Predicted Mortality.

Porter Memorial Hospital does indeed have Home Hospice Care contrary to the HCFA report which states there is no Hospice Care available at our facility.

The HCFA report incorrectly states that 64% of the physicians are board certified specialists, the actual percentage is 78%.

II. Interpreting Data:

It is the opinion of Porter Memorial Hospital that the HCFA public release of information should stress that the data alone is not a measure of quality patient care, since there are no data elements which reflect severity of illness or expected outcome. We reiterate that again the mortality report is based on principal diagnosis which is defined "as the reason why the patient was admitted". The reason for admission is often not the cause of death, since existing complications or other co-morbid conditions may enter into the outcome of patient care.

In summary, expected outcome with regard to admitting diagnosis, and preexisting co-morbidities is a factor that should indeed be considered in any analysis of mortality statistics.

2525 South Downing Street ● Denver, Colorado 80210 ● (303) 778-1955

Deaths After Discharge

A total of seventy-one (71) patients expired after discharge but within 30 days of their last admission to Porter Memorial Hospital. According to medical record review, twenty-seven (27) of these patients were discharged to an outpatient Hospice facility with a poor prognosis, in poor condition and thus death was imminent. Twenty (20) patients were discharged to home with home health care arrangements which includes in some cases Home Hospice management for those patients in a terminal state of medical management. Ten (10) patients were discharged to a nursing home facility and expired while nursing home residents, while five (5) patients were transferred to other acute care facilities where they expired.

Medicare criteria continues to mandate that terminally ill patients no longer requiring acute care therapies can more appropriately be cared for in a less intensive care setting such as Hospice, skilled nursing facility or in the home with home health agency management. It would therefore be expected that these patient would indeed expire soon after discharge.

III. Suggestions

It would be most helpful, from the hospital's standpoint, if the discharges were put in order chronologically by date of death in order to facilitate verification and review of the data.

Porter Memorial Hospital is encouraged by HCFA's efforts to revise and refine their analytic methodologies and data validation techniques.

Porter Memorial Hospital understands the intent of the HCFA Mortality study and data development, however we strongly suggest that at this point the HCFA Medicare Hospital Information report is not a useful tool in assisting hospitals to interpret the mortality rates of their patients.

In conclusion, we agree with the HCFA statement that "The information by itself is not a complete measure of the quality of care at an individual hospital...we cannot and do not recommend the use of the information to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals."

POUDRE VALLEY MEMORIAL HOSP

1024 LEMAY AVE
FORT COLLINS, CO 80521

Medicare Hospital Provider Number: 060010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,776	10	9 - 13	1,829	12	10 - 14
Cancer	54	44	26 - 55	67	46	30 - 57
Cerebrovascular Accidents	73	36	17 - 40	62	34	16 - 41
Gastrointestinal Catastrophes	14	21	12 - 58	17	41	18 - 65
Infectious Disease	14	21	16 - 61	12	58	19 - 72
Metabolic/Electrolyte Disorders	12	17	13 - 59	25	8	8 - 38
Pulmonary Disease	94	22	15 - 35	88	24	17 - 38
Renal Failure	13	0	16 - 62	17	24	13 - 68
Severe Acute Heart Disease	83	29	25 - 47	80	34	29 - 51
Severe Chronic Heart Disease	47	21	13 - 38	64	19	14 - 35
Severe Trauma	5	40	4 - 78	3	0	3 - 80
Gastrointestinal Disease	124	2	1 - 8	101	5	1 - 14
Gynecologic Disease	20	0	0 -100	22	5	0 -100
Low-Risk Heart Disease	183	4	2 - 8	207	4	1 - 8
Musculoskeletal/Skin Conditions	295	1	1 - 5	298	3	1 - 6
Neuropsychiatric/Sensory Disease	64	0	0 - 10	61	2	0 - 20
Urologic Disease	74	1	0 - 12	95	1	0 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	198
Occupancy Rate (%):	62
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	141
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	287
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

POUDRE VALLEY HOSPITAL
1024 Lemay Avenue
Fort Collins, Colorado 80524
Phone (303) 482-4111

Medicare Provider
Number: 060010

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, D.C. 20201

Dear Dr. Roper:

This letter is in response to the 1987 HCFA Mortality Data for Poudre Valley Hospital. We appreciate the opportunity given to us to review and verify this data prior to publication in December.

Our findings are as follows:

- The HCFA mortality report is incorrect as presented. First, eleven patients were not identified in the HCFA report and secondly deaths that did not occur in our facility were included in this report. These latter deaths accounted for an increase in our Medicare Mortality rate. Due to the sensitive nature of this information we did not pursue the cause of the deaths that occurred outside of our hospital. However, we do note that these deaths may have been caused by vehicle accidents, household accidents, illnesses unrelated to recent hospitalization, terminal illness for which no treatment was possible or a host of other reasons.

- The mortality rate is also based on only a portion of the total number of Medicare patients treated, not all Medicare admissions to our facility. This results in a higher mortality rate than actually exists for our facility. (This is in addition to the increase as stated above).

- Even with the above discrepancies, Poudre Valley Hospital still fell within the acceptable/predicted ranges - overall and within each specific diagnostic category as defined by HCFA.

In closing, we strongly concur with HCFA's comments and recognition that this information by itself is not a total measure of the quality of care provided by an institution. We also agree with HCFA's recommendation that this information should not be used by itself to make judgements regarding the quality of care provided or to make hospital to hospital comparisons due to the many variables that affect mortality.

We look forward to working with HCFA and other appropriate agencies which are developing systems for measuring hospital quality in meaningful ways, for the benefit of the people that we all serve.

Sincerely,

Kelly J. Lundy, RRA
Kelly J. Lundy, RRA

We Care For You

PRESBYTERIAN DENVER HOSPITAL

1719 EAST 19TH AVE
DENVER, CO 80218

Medicare Hospital Provider Number: 060005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,841	12	10 - 14	3,050	12	10 - 14
Cancer	120	35	30 - 52	115	40	31 - 54
Cerebrovascular Accidents	63	22	17 - 39	76	28	20 - 42
Gastrointestinal Catastrophes	16	50	12 - 60	29	31	16 - 53
Infectious Disease	29	41	19 - 57	21	57	22 - 65
Metabolic/Electrolyte Disorders	48	17	11 - 40	46	26	13 - 43
Pulmonary Disease	154	35	21 - 39	150	31	19 - 37
Renal Failure	12	50	15 - 76	19	32	17 - 71
Severe Acute Heart Disease	110	29	28 - 47	109	49	30 - 51
Severe Chronic Heart Disease	83	19	14 - 32	104	18	16 - 33
Severe Trauma	4	0	6 - 72	5	60	8 - 80
Gastrointestinal Disease	155	3	1 - 8	173	5	1 - 9
Gynecologic Disease	29	0	0 -100	25	8	0 -100
Low-Risk Heart Disease	344	5	2 - 7	371	5	2 - 7
Musculoskeletal/Skin Conditions	335	2	1 - 6	349	2	1 - 5
Neuropsychiatric/Sensory Disease	140	4	1 - 10	154	1	1 - 7
Urologic Disease	97	3	0 - 22	99	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	294
Occupancy Rate (%):	75
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	325
Percent of Physicians Who Are Board Certified Specialists:	64
Interns and Residents:	28
Registered Nurses:	227
Licensed Practical Nurses:	37

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AMI | 1601 East 19th Avenue, Denver, Colorado 80218 | 303 839-7777

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The HCFA generated mortality data recently sent to our organization has been analyzed by the AMI Rocky Mountain Healthcare System Medical Staff, Medical Records and Quality Assurance personnel. Our comments are addressing AMI Saint Luke's (Provider #06-0014) and AMI Presbyterian Denver and Aurora Hospitals (Provider #06-0005). The corrections are attached and we have the following comments regarding the HCFA mortality data provided to our facilities:

AMI Saint Luke's #06-0014

1. Many of the patients whose deaths were attributed to AMI Saint Luke's Hospital were elderly (over 75), entered the hospital with multiple medical problems and were designated as "Do Not Resuscitate" or taken off life support systems under the direction of their families while in the hospital.

    a. The average age of the patients who died was 78 years.

    b. Sixty-nine percent of the patients who died had three or more serious health problems; most entered the hospital in serious condition, 61% from the Emergency Room, nursing home, or other acute care facility.

    c. Forty-six percent of the patients who died were designated as "Do Not Resuscitate" or taken off life support systems by their families while in the hospital.

2. The Medicare population at AMI Saint Luke's Hospital is 35.2% of the total. As discussed earlier, this population is generally very ill. The Medicare Case Mix Index at AMI Saint Luke's Hospital in 1987 was 1.4315, which indicates the high level of illness of the Medicare patient. The Colorado Adjusted Case Mix Index statewide average is .9000.

3. Despite the percentage of Medicare patients and the compromised patient conditions, AMI Saint Luke's Hospital falls within the HCFA predicted ranges for expected mortality in all categories.

AMI Presbyterian Denver and Aurora Hospitals #06-0005

1. As with AMI St. Luke's Hospital, many of the patients whose deaths were attributed to AMI Presbyterian Denver and Aurora Hospitals were elderly (over 75) and entered the hospital with multiple medical problems.

   a. The average age of the patients who died was 78 years.

   b. Seventy-two percent of the patients who died had three or more serious health problems. Sixty-four percent of the patients entered the hospitals in serious condition from the Emergency Room, nursing home or other acute care facility.

   c. Sixty-three percent of the patients who died were designated as "Do Not Resuscitate" or had life support systems removed by their families.

2. The percentage of the patient population at AMI Presbyterian Denver and Aurora Hospitals that is made up of Medicare patients is 44.3%. The Medicare Case Mix Index in 1987 at Presbyterian Denver and Aurora Hospitals was 1.4062, which is another indicator of the level of illness of the AMI Presbyterian Denver and Aurora Hospitals' patients. The statewide average Adjusted Case Mix Index is .9000.

3. As with AMI Saint Luke's Hospital, AMI Presbyterian Denver and Aurora Hospitals have kept Medicare mortality rates within HCFA's predicted ranges, despite the severely ill nature of the patients.

Our organization is committed to monitoring the quality of care in our facilities. Comprehensive chart review and other procedures are conducted by the hospital and medical staff in order to monitor our performance in providing patient care. We believe that a patient's well being is safe-guarded with these procedures. Our organization would be willing to answer questions regarding these procedures.

Thank you for this opportunity to comment on the HCFA generated mortality statistics. If you or members of the general public have any questions, please contact me through the Medical Staff Office at (303) 839-6888.

Sincerely,

A. Lee Anneberg, M.D., Chairperson
Medical Quality Assurance Committee

ALA/AL/mh

cc: Tom Sawicki, Senior Vice President and Region Director, American Medical International

Don Lenz, Executive Director, AMI Presbyterian/Saint Luke's Medical Center

Phil Herre, Executive Director, AMI Presbyterian Aurora Hospital

Paul Pretsch, Director of Marketing, AMI Central Region

Leona Berger, Vice President of Professional Support Services, AMI Central Region

Ann Locy, Manager of Utilization Review Systems, AMI Presbyterian/Saint Luke's Medical Center

PROWERS MEDICAL CTR

SOUTH MEMORIAL DR
LAMAR, CO 81052

Medicare Hospital Provider Number: 060007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	217	18	11 - 22	211	18	10 - 22
Cancer	4	0	6 - 71	6	67	12 - 78
Cerebrovascular Accidents	9	44	9 - 67	10	20	9 - 59
Gastrointestinal Catastrophes	1	100	3 - 98	4	25	3 - 80
Infectious Disease	8	38	16 - 77	8	25	13 - 71
Metabolic/Electrolyte Disorders	5	60	2 - 78	4	0	2 - 73
Pulmonary Disease	28	21	15 - 47	17	18	10 - 49
Renal Failure	3	100	12 - 87	4	25	9 - 86
Severe Acute Heart Disease	11	45	13 - 67	9	67	16 - 73
Severe Chronic Heart Disease	13	8	9 - 46	11	45	9 - 64
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	12	0	0 - 97	9	0	0 -100
Gynecologic Disease	4	0	0 -100	4	0	0 - 99
Low-Risk Heart Disease	14	0	0 - 58	17	6	0 - 75
Musculoskeletal/Skin Conditions	10	10	0 - 95	16	0	0 - 58
Neuropsychiatric/Sensory Disease	5	20	0 - 84	1	0	0 -100
Urologic Disease	12	0	0 - 66	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	28
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	22
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RANGELY DISTRICT HOSP

510 SO WHITE AVE
RANGELY, CO 81648

Medicare Hospital Provider Number: 060073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	19	11	0 - 51	12	0	4 - 35
Cancer	0	-	-	1	0	1 - 97
Cerebrovascular Accidents	0	-	-	1	0	2 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	1	0	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	0 - 98
Severe Chronic Heart Disease	2	50	1 - 93	1	0	0 -100
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	1	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	14
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROCKY MOUNTAIN HOSP

4701 E 9TH AVE
DENVER, CO 80220

Medicare Hospital Provider Number: 060035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	385	18	9 - 18	405	12	9 - 16
Cancer	11	36	11 - 64	11	45	13 - 68
Cerebrovascular Accidents	11	27	9 - 60	20	15	13 - 47
Gastrointestinal Catastrophes	11	45	11 - 67	5	40	5 - 78
Infectious Disease	3	67	3 - 86	6	67	9 - 76
Metabolic/Electrolyte Disorders	5	40	0 - 88	10	0	7 - 45
Pulmonary Disease	25	32	10 - 47	29	28	10 - 45
Renal Failure	8	38	19 - 85	3	33	7 - 89
Severe Acute Heart Disease	11	64	17 - 69	8	38	13 - 73
Severe Chronic Heart Disease	28	29	12 - 46	30	23	10 - 42
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	24	8	0 - 70	27	0	0 - 31
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	61	7	1 - 21	44	2	0 - 21
Musculoskeletal/Skin Conditions	40	0	0 - 20	48	2	0 - 35
Neuropsychiatric/Sensory Disease	18	0	0 - 95	13	0	0 -100
Urologic Disease	7	0	0 -100	10	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	134
Occupancy Rate (%):	34
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	43
Percent of Physicians Who Are Board Certified Specialists:	58
Interns and Residents:	14
Registered Nurses:	58
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

rocky mountain
hospital
"the little hospital with the big heart"

4701 EAST NINTH AVENUE • DENVER COLORADO 80220

#060035

October 6, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Medical Records Committee at Rocky Mountain Hospital has extensively reviewed the 1987 and 1986 Mortality Rates that you will be publishing in December of 1988. The Committee would like to make brief comments specific to our facility.

According to the report, our death rate is 18%, based on 385 Medicare admissions and 68 deaths (including those within 30 days of discharge). We feel it would be more accurate to determine the death rate by using the actual number of deaths at the Rocky Mountain Hospital facility and the actual number of admissions, including re-admissions. Using those numbers, our death rate would be 5% (35-601) as compared to 18%.

It would have been appropriate to review the 1987 hospital characteristics before publishing in December. The following 1986 data is incorrect: number of beds, occupancy rate, total physicians (the 40 listed are active staff only), and the fact we do not have an organ transplant service. Therefore, we question the validity of the 1987 characteristics.

In our Medical Staff Quality Assurance program, we review all mortality cases by service. In 1987, the quality of care was appropriate for the severity of the patients. No problem areas were identified, no patterns were detected, and no one physician had a larger proportion of the deaths. Severity of illness is determined on a case-by-case basis. We hope that the Public will not correlate the mortality rates as determined by HCFA with the quality care delivered in any given institution.

We thank you for this opportunity to comment on the Mortality Information to be published in December. We look forward to working with HCFA in the future.

Sincerely,

Kathy Mueller, RRA

Kathy Mueller, R.R.A.
Member, Medical Record Committee

KM/bp
cc: Keith Baldwin, Administrator
Don Trippel, Assistant Administrator
Risk Management Committee
Medical Record Committee

ROSE MEDICAL CENTER

4567 E 9TH AVE
DENVER, CO 80220

Medicare Hospital Provider Number: 060032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,054	10	9 - 13	2,163	10	8 - 13
Cancer	70	49	29 - 55	72	35	28 - 54
Cerebrovascular Accidents	50	32	14 - 41	57	26	18 - 42
Gastrointestinal Catastrophes	22	18	15 - 52	14	43	10 - 61
Infectious Disease	22	36	17 - 58	19	32	13 - 57
Metabolic/Electrolyte Disorders	27	11	10 - 42	22	18	4 - 44
Pulmonary Disease	101	16	18 - 35	105	19	17 - 35
Renal Failure	7	29	12 - 79	9	33	12 - 76
Severe Acute Heart Disease	70	30	27 - 50	60	27	29 - 53
Severe Chronic Heart Disease	87	15	14 - 31	77	21	14 - 34
Severe Trauma	7	14	9 - 67	2	0	2 - 89
Gastrointestinal Disease	133	2	1 - 7	129	3	1 - 9
Gynecologic Disease	24	0	0 -100	23	0	0 -100
Low-Risk Heart Disease	234	4	1 - 7	230	4	1 - 8
Musculoskeletal/Skin Conditions	268	2	1 - 6	286	2	1 - 6
Neuropsychiatric/Sensory Disease	58	2	0 - 19	59	2	0 - 21
Urologic Disease	91	3	0 - 18	103	1	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	272
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	318
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	316
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROUTT MEMORIAL HOSPITAL, INC.

80 PARK AVENUE
STEAMBOAT SPRINGS, CO 80487

Medicare Hospital Provider Number: 060049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	98	9	4 - 17	96	8	4 - 17
Cancer	2	0	7 - 91	1	0	2 - 97
Cerebrovascular Accidents	2	50	0 - 95	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	2	0	0 - 93
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	6	17	1 - 72	15	20	9 - 52
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	50	6 - 83	2	0	3 - 88
Severe Chronic Heart Disease	5	0	3 - 63	2	0	0 - 95
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	17	0 - 97	5	20	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 96	7	0	0 -100
Musculoskeletal/Skin Conditions	13	0	0 - 95	18	0	0 - 99
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	50	0 -100
Urologic Disease	5	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	72
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	21
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SALIDA HOSPITAL

448 E FIRST ST
SALIDA, CO 81201

Medicare Hospital Provider Number: 060050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	244	14	8 - 18	298	15	9 - 18
Cancer	6	50	14 - 81	5	20	6 - 74
Cerebrovascular Accidents	9	22	7 - 61	15	33	12 - 58
Gastrointestinal Catastrophes	2	50	6 - 94	3	33	3 - 86
Infectious Disease	3	33	5 - 86	0	-	-
Metabolic/Electrolyte Disorders	6	0	3 - 59	5	40	2 - 79
Pulmonary Disease	16	19	7 - 48	27	26	15 - 49
Renal Failure	1	100	1 - 97	2	50	4 - 93
Severe Acute Heart Disease	17	29	19 - 61	20	55	19 - 61
Severe Chronic Heart Disease	9	33	2 - 66	6	33	5 - 73
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	25	8	0 - 76	30	3	0 - 48
Gynecologic Disease	3	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	18	0	0 - 46	32	0	1 - 18
Musculoskeletal/Skin Conditions	13	0	0 - 99	23	9	0 - 48
Neuropsychiatric/Sensory Disease	13	0	0 - 88	4	0	0 -100
Urologic Disease	12	0	0 - 98	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	42
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	13

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

The Angel of Shavano
SALIDA HOSPITAL

September 22, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Re: Medicare Provider number 060050

I have reviewed your "Medicare Hospital Mortality Information" for our hospital. Enclosed is a copy of our data.

There is an error in the "hospital characteristics" data you have obtained from AHA regarding our hospital. Our total beds are 38 and not 29 as you indicate. Also 12 of 15 physicians are board certified. This is a percentage of 80% and not 33% as you indicate. We also do have a coronary care unit.

Please make these corrections.

Sincerely,

Vearl Nelson

Vearl Nelson
Administrator

VN:sh

Enclosure

P.O. Box 429 Salida, Colorado 81201 303-539-6661

SAN LUIS VALLEY REGL MED CENTER

106 BLANCA
ALAMOSA, CO 81101

Medicare Hospital Provider Number: 060008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	314	14	8 - 16	296	10	8 - 16
Cancer	7	57	9 - 73	2	50	7 - 95
Cerebrovascular Accidents	7	14	8 - 64	11	27	7 - 59
Gastrointestinal Catastrophes	1	0	1 - 97	4	25	2 - 81
Infectious Disease	6	33	9 - 75	2	50	1 - 93
Metabolic/Electrolyte Disorders	11	27	6 - 60	7	29	6 - 70
Pulmonary Disease	17	29	8 - 52	17	18	9 - 48
Renal Failure	1	100	0 - 98	0	-	-
Severe Acute Heart Disease	19	32	17 - 58	16	31	20 - 64
Severe Chronic Heart Disease	14	21	5 - 51	20	15	8 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	34	3	0 - 48	25	0	0 - 36
Gynecologic Disease	5	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	21	0	0 - 52	32	6	0 - 32
Musculoskeletal/Skin Conditions	25	0	0 - 36	21	0	0 - 44
Neuropsychiatric/Sensory Disease	6	17	0 -100	9	11	0 -100
Urologic Disease	5	0	0 - 99	5	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	26
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	23
Percent of Physicians Who Are Board Certified Specialists:	87
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	Yes

SEDGWICK COUNTY HOSP

900 CEDAR ST
JULESBURG, CO 80737

Medicare Hospital Provider Number: 060052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	14	5 - 20	84	19	8 - 26
Cancer	2	100	11 - 96	4	100	23 - 87
Cerebrovascular Accidents	3	0	3 - 79	3	33	2 - 86
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	1	0	0 - 99	1	100	3 - 98
Metabolic/Electrolyte Disorders	2	0	0 - 97	2	0	0 - 97
Pulmonary Disease	4	25	6 - 80	7	29	10 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	33	3 - 86	3	33	13 - 93
Severe Chronic Heart Disease	4	25	4 - 79	3	33	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	5	0	0 -100
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	17	18	0 - 93	15	7	0 - 87
Musculoskeletal/Skin Conditions	10	0	0 -100	7	14	0 - 94
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	6	0	0 - 90	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	61
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTHEAST COLORADO HOSPITAL

373 E 10TH AVE
SPRINGFIELD, CO 81073

Medicare Hospital Provider Number: 060085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	130	14	10 - 23	126	13	13 - 25
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	6	50	7 - 75	5	0	9 - 65
Gastrointestinal Catastrophes	0	-	-	1	100	2 - 97
Infectious Disease	5	20	13 - 80	3	67	11 - 92
Metabolic/Electrolyte Disorders	3	0	2 - 80	0	-	-
Pulmonary Disease	4	25	3 - 80	10	30	16 - 69
Renal Failure	1	100	1 - 97	2	0	11 - 98
Severe Acute Heart Disease	7	71	19 - 79	11	36	24 - 76
Severe Chronic Heart Disease	10	0	8 - 43	6	17	7 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	9	0	0 - 74
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	47	2	2 - 15	34	6	1 - 27
Musculoskeletal/Skin Conditions	6	17	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	4	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	65
Occupancy Rate (%):	75
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTHWEST MEMORIAL HOSPITAL

1311 NORTH MILDRED RD
CORTEZ, CO 81321

Medicare Hospital Provider Number: 060018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	346	12	8 - 16	379	12	9 - 16
Cancer	2	100	7 - 91	9	33	10 - 68
Cerebrovascular Accidents	5	60	3 - 78	5	20	4 - 74
Gastrointestinal Catastrophes	5	0	9 - 66	4	75	10 - 83
Infectious Disease	8	25	10 - 68	3	33	2 - 86
Metabolic/Electrolyte Disorders	7	43	7 - 72	9	22	7 - 63
Pulmonary Disease	39	10	13 - 36	36	17	12 - 39
Renal Failure	0	-	-	2	50	5 - 94
Severe Acute Heart Disease	18	39	16 - 59	21	29	18 - 57
Severe Chronic Heart Disease	20	15	8 - 42	13	23	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	13	0 - 84	36	3	1 - 22
Gynecologic Disease	6	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	30	0	0 - 25	40	2	1 - 18
Musculoskeletal/Skin Conditions	33	3	0 - 27	31	0	0 - 56
Neuropsychiatric/Sensory Disease	7	0	0 -100	13	0	0 - 56
Urologic Disease	8	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	137
Occupancy Rate (%):	70
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	30
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANTHONY HOSPITAL SYS

4231 W 16TH AVE
DENVER, CO 80204

Medicare Hospital Provider Number: 060015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,831	14	10 - 13	3,484	12	9 - 13
Cancer	120	43	29 - 51	126	45	30 - 52
Cerebrovascular Accidents	114	30	18 - 36	98	29	17 - 37
Gastrointestinal Catastrophes	57	42	21 - 52	38	39	19 - 54
Infectious Disease	53	43	18 - 49	30	40	21 - 58
Metabolic/Electrolyte Disorders	56	32	13 - 43	41	29	11 - 43
Pulmonary Disease	188	28	18 - 35	148	20	16 - 32
Renal Failure	27	26	13 - 63	16	50	10 - 68
Severe Acute Heart Disease	177	32	27 - 44	168	27	29 - 46
Severe Chronic Heart Disease	147	29	14 - 31	124	27	15 - 32
Severe Trauma	9	33	8 - 67	9	33	11 - 70
Gastrointestinal Disease	244	3	1 - 7	246	4	1 - 8
Gynecologic Disease	25	0	0 -100	35	0	0 -100
Low-Risk Heart Disease	501	5	2 - 6	455	4	2 - 6
Musculoskeletal/Skin Conditions	409	3	1 - 5	337	2	1 - 5
Neuropsychiatric/Sensory Disease	112	5	0 - 15	107	7	0 - 27
Urologic Disease	146	3	0 - 11	133	2	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 680
Occupancy Rate (%): 76
Ownership/Control: Church

STAFFING

Total Number of Physicians: 517
Percent of Physicians Who Are Board Certified Specialists: 66
Interns and Residents: 0
Registered Nurses: 540
Licensed Practical Nurses: 60

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

ST ANTHONY HOSPITAL SYSTEMS

CENTRAL: 4231 WEST 16TH AVENUE • DENVER, COLORADO • 80204 • (303) 629-3511
NORTH: 2551 WEST 84TH AVENUE • WESTMINSTER, COLORADO • 80030 • (303) 426-2151
SUMMIT MEDICAL CENTER: P.O. BOX 738 • FRISCO, COLORADO • 80443 • (303) 668-3300
EMERGENCY MEDICAL CENTER: P.O. BOX 952 • GRANBY, COLORADO • 80446 • (303) 887-2503

DOUGLAS R. COOK
President & Chief Executive Officer

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: St. Anthony Hospital Systems
#060015

Beth Israel Pavilion
#060019

Dear Mrs. Kappert:

Upon review of the attached mortality data, we find no gross errors to date. It is important, however, that the range of predicted rates be explained to the public.

Some additional comments are:

(1) For St. Anthony Hospital Systems, in 1987, discharges increased 10% over 1986; and, the mortality rate (according to HCFA) shows an increase of 2% over 1986. We wish to add that all mortalities are peer reviewed concurrently.

(2) For Beth Israel Pavilion there were two categories which were over the predicted range for mortality. In both categories, there was only one patient. In the "Gastrointestinal Catastrophes" category, the patient was non-cooperative and refused all care and most medications. In the "severe trauma" category, the patient was discharged back to the Nursing Home and died 25 days later.

Please be advised that St. Anthony Hospital Systems acquired Beth Israel Hospital on September 1, 1987. This response is prepared by St. Anthony Hospital Systems on behalf of the former Beth Israel Hospital now known as Beth Israel Pavilion.

The following changes under "hospital characteristics" are offered for St. Anthony Hospital Systems:

1986 544 beds, 59.6% occupancy
We cannot verify physician staffing numbers at this time
RN's per bed is .7; LPN per bed is .1

1987 552 beds, 63.7% occupancy
We cannot verify physician staffing numbers at this time
RN's per bed is .8; LPN per bed is .1

Sincerely yours,

John A. Sbarbaro, M.D.
Vice President Medical Affairs

ST FRANCIS HOSP SYSTEMS

800 E PIKES PEAK AVE
COLORADO SPRINGS, CO 80903

Medicare Hospital Provider Number: 060017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,119	11	8 - 13	1,209	11	8 - 13
Cancer	18	28	18 - 60	21	48	17 - 59
Cerebrovascular Accidents	54	24	14 - 38	49	27	14 - 40
Gastrointestinal Catastrophes	10	30	10 - 65	9	56	6 - 67
Infectious Disease	14	36	16 - 65	15	33	12 - 60
Metabolic/Electrolyte Disorders	25	16	6 - 42	17	12	7 - 46
Pulmonary Disease	60	20	12 - 35	78	18	13 - 34
Renal Failure	7	71	13 - 80	5	40	12 - 86
Severe Acute Heart Disease	38	37	23 - 55	61	44	25 - 52
Severe Chronic Heart Disease	40	15	10 - 34	40	15	12 - 36
Severe Trauma	3	33	1 - 87	2	50	0 - 96
Gastrointestinal Disease	82	2	1 - 11	69	0	1 - 8
Gynecologic Disease	11	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	101	6	1 - 15	83	5	0 - 16
Musculoskeletal/Skin Conditions	164	1	1 - 6	169	2	0 - 8
Neuropsychiatric/Sensory Disease	29	7	0 - 85	45	2	0 - 39
Urologic Disease	35	0	0 - 92	67	4	0 - 28

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	204
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	118
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	205
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HOSP

1835 FRANKLIN ST
DENVER, CO 80218

Medicare Hospital Provider Number: 060028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,739	8	8 - 12	3,696	9	9 - 13
Cancer	155	30	30 - 49	144	29	32 - 52
Cerebrovascular Accidents	88	18	16 - 34	105	20	18 - 36
Gastrointestinal Catastrophes	15	67	18 - 65	37	30	20 - 54
Infectious Disease	25	12	19 - 50	31	32	21 - 57
Metabolic/Electrolyte Disorders	41	27	13 - 46	44	32	17 - 49
Pulmonary Disease	150	23	16 - 33	144	24	16 - 34
Renal Failure	7	14	11 - 74	8	38	15 - 82
Severe Acute Heart Disease	162	19	28 - 44	140	26	29 - 46
Severe Chronic Heart Disease	133	26	15 - 32	139	16	16 - 30
Severe Trauma	10	20	9 - 62	10	50	9 - 68
Gastrointestinal Disease	216	4	1 - 8	237	2	2 - 7
Gynecologic Disease	50	0	0 -100	41	0	0 -100
Low-Risk Heart Disease	458	3	2 - 6	417	4	2 - 6
Musculoskeletal/Skin Conditions	476	1	1 - 4	451	2	1 - 5
Neuropsychiatric/Sensory Disease	282	3	0 - 9	313	1	0 - 5
Urologic Disease	164	2	0 - 8	189	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	583
Occupancy Rate (%):	64
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	508
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	88
Registered Nurses:	558
Licensed Practical Nurses:	15

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

Saint Joseph Hospital THE LEADER. THE CHOICE.

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Medicare Provider #060028

Dear Mrs. Kappert:

Thank you for the opportunity to analyze and comment on the HCFA mortality data prior to public release in December. Saint Joseph Hospital is pleased to observe HCFA's interest in interpreting mortality data utilizing a mortality predictor system. Obviously the type of patient cared for in a tertiary institution, such as Saint Joseph Hospital, has a significant impact on an overall statistic.

Saint Joseph Hospital implemented the Medisgroups Severity of Illness system in October 1987. We have begun to see the value in application of severity measures to patient data, and have utilized this analysis to interpret the HCFA mortality data for 1987.

General comments regarding the mortality data include:

1. The statistics have been verified by Medical Records, Utilization and Quality Assurance personnel as well as by medical staff leaders involved in data interpretation. Variations in the statistics were negligible.

2. Despite our percentage of Medicare patients, Saint Joseph Hospital falls within the lower predicted mortality range (8%) in the overall category.

3. Of the 3,739 Medicare admissions reported by HCFA, 241 patients died at Saint Joseph Hospital (6.4%).

4. The ranking for Gastrointestinal catastrophies represents a fairly small sample of cases (15), and notes a 67% mortality rate, 2% above the expected range.

1835 Franklin Street • Denver, Colorado 80218-1191 • (303) 837-7111

5. As mortality statistics can reflect the quality of patient care given in a hospital, Saint Joseph Hospital has analyzed the GI catastrophies utilizing Medisgroups to assess the patient's condition when they entered the hospital, as well as what happens to the patient while in the hospital.

6. Specific Medisgroups analysis of the GI catastrophe category demonstrates:

    a. 93.3% of these patients were admitted in severity class 2 (33.3%) and 3 (60.0%). Literature supports the understanding that patients admitted in these classifications are seriously ill and experience high (on a scale of 0-4) mortality.

    b. The average weighted admissions severity of all cases was 2.53%. The average age of all patients was 73.

    c. 46.7% of the patients died while in the hospital.

    d. 85.7% of the patients who died were admitted in severity class 3; all patients who died had a minimum of five life-threatening health problems.

    e. The Internal Medicine Quality Evaluation Committee reviewed the care provided to these patients and determined the management given was appropriate, and that death was unavoidable.

    f. No physician pattern was identified in this grouping of the 15 cases, only one physician treated 2 cases.

    g. 62.5% of the patients who left the hospital were discharged home and did not die within 30 days.

       There were 3 patients who died within 30 days after discharge from the hospital. They demonstrated an admission severity of 2.0; two of those patients were transferred to other facilities for continued terminal care.

As part of our quality evaluation program, all deaths which occur in the hospital are reviewed by the medical staff. This process is designed to monitor and identify cases so that there is an assurance of maintaining a high level of quality care for both Medicare and non-medicare patients.

The results of this scrutiny are reflected in our overall death rate, which, at 8.0% is low within the predicted range based on the HCFA methodology.

Thank you again for the opportunity to contribute to this analysis.

Sincerely,

David Reeb

Dave Reeb
President

KC/cg

ST JOSEPH HOSP OF DEL NORTE INC

1280 GRANDE AVE
DEL NORTE, CO 81132

Medicare Hospital Provider Number: 060072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	135	16	8 - 21	120	12	6 - 19
Cancer	2	0	2 - 88	1	0	2 - 97
Cerebrovascular Accidents	1	100	0 - 97	0	-	-
Gastrointestinal Catastrophes	1	100	1 - 97	2	100	1 - 91
Infectious Disease	6	17	6 - 69	0	-	-
Metabolic/Electrolyte Disorders	2	50	3 - 92	1	100	0 - 99
Pulmonary Disease	10	30	5 - 61	8	38	6 - 68
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	6	33	9 - 75	6	17	9 - 70
Severe Chronic Heart Disease	8	25	9 - 66	7	0	7 - 53
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	10	0	0 - 87	15	7	0 - 65
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	9	0	0 - 96	8	0	0 - 98
Musculoskeletal/Skin Conditions	5	0	0 - 91	10	0	0 -100
Neuropsychiatric/Sensory Disease	5	20	0 - 99	1	0	0 -100
Urologic Disease	4	0	0 - 97	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	73
Occupancy Rate (%):	58
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HOSPITAL

600 WEST 3RD STREET
FLORENCE, CO 81226

Medicare Hospital Provider Number: 060045

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	178	19	9 - 21	158	15	8 - 20
Cancer	1	100	3 - 99	0	-	-
Cerebrovascular Accidents	4	75	4 - 79	4	25	4 - 79
Gastrointestinal Catastrophes	2	50	2 - 92	1	100	0 -100
Infectious Disease	6	17	8 - 70	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 98	0	-	-
Pulmonary Disease	35	37	11 - 45	28	21	11 - 44
Renal Failure	2	50	5 - 94	0	-	-
Severe Acute Heart Disease	8	50	10 - 72	12	33	15 - 65
Severe Chronic Heart Disease	6	0	4 - 57	9	33	7 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 98	9	0	0 - 96
Gynecologic Disease	0	-	-	5	0	0 -100
Low-Risk Heart Disease	27	7	0 - 52	19	5	0 - 80
Musculoskeletal/Skin Conditions	19	11	0 - 98	12	0	0 - 61
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	4	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 77
Occupancy Rate (%): 61
Ownership/Control: Church

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 13
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST LUKES HOSPITAL

601 E 19TH AVE
DENVER, CO 80203

Medicare Hospital Provider Number: 060014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,938	10	9 - 13	2,162	10	9 - 13
Cancer	84	29	26 - 50	94	32	28 - 51
Cerebrovascular Accidents	45	20	16 - 41	55	29	17 - 43
Gastrointestinal Catastrophes	23	35	18 - 59	17	24	17 - 60
Infectious Disease	12	17	13 - 59	22	36	15 - 57
Metabolic/Electrolyte Disorders	24	25	7 - 46	29	28	8 - 45
Pulmonary Disease	87	25	18 - 39	88	19	15 - 35
Renal Failure	6	17	5 - 74	20	15	4 - 59
Severe Acute Heart Disease	72	32	27 - 50	70	34	29 - 53
Severe Chronic Heart Disease	83	20	15 - 34	83	19	17 - 35
Severe Trauma	2	0	1 - 90	7	57	7 - 73
Gastrointestinal Disease	74	9	0 - 25	82	6	1 - 16
Gynecologic Disease	21	5	0 -100	14	0	0 -100
Low-Risk Heart Disease	321	4	2 - 7	400	3	2 - 6
Musculoskeletal/Skin Conditions	197	2	1 - 6	209	3	1 - 7
Neuropsychiatric/Sensory Disease	59	3	0 - 18	69	0	1 - 8
Urologic Disease	80	1	0 - 15	76	4	0 - 33

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	465
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	24
Registered Nurses:	218
Licensed Practical Nurses:	50

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

AMI | 1601 East 19th Avenue, Denver, Colorado 80218 | 303 839-7777

October 21, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The HCFA generated mortality data recently sent to our organization has been analyzed by the AMI Rocky Mountain Healthcare System Medical Staff, Medical Records and Quality Assurance personnel. Our comments are addressing AMI Saint Luke's (Provider #06-0014) and AMI Presbyterian Denver and Aurora Hospitals (Provider #06-0005). The corrections are attached and we have the following comments regarding the HCFA mortality data provided to our facilities:

AMI Saint Luke's #06-0014

1. Many of the patients whose deaths were attributed to AMI Saint Luke's Hospital were elderly (over 75), entered the hospital with multiple medical problems and were designated as "Do Not Resuscitate" or taken off life support systems under the direction of their families while in the hospital.

    a. The average age of the patients who died was 78 years.

    b. Sixty-nine percent of the patients who died had three or more serious health problems; most entered the hospital in serious condition, 61% from the Emergency Room, nursing home, or other acute care facility.

    c. Forty-six percent of the patients who died were designated as "Do Not Resuscitate" or taken off life support systems by their families while in the hospital.

2. The Medicare population at AMI Saint Luke's Hospital is 35.2% of the total. As discussed earlier, this population is generally very ill. The Medicare Case Mix Index at AMI Saint Luke's Hospital in 1987 was 1.4315, which indicates the high level of illness of the Medicare patient. The Colorado Adjusted Case Mix Index statewide average is .9000.

3. Despite the percentage of Medicare patients and the compromised patient conditions, AMI Saint Luke's Hospital falls within the HCFA predicted ranges for expected mortality in all categories.

AMI Presbyterian Denver and Aurora Hospitals #06-0005

1. As with AMI St. Luke's Hospital, many of the patients whose deaths were attributed to AMI Presbyterian Denver and Aurora Hospitals were elderly (over 75) and entered the hospital with multiple medical problems.

    a. The average age of the patients who died was 78 years.

    b. Seventy-two percent of the patients who died had three or more serious health problems. Sixty-four percent of the patients entered the hospitals in serious condition from the Emergency Room, nursing home or other acute care facility.

    c. Sixty-three percent of the patients who died were designated as "Do Not Resuscitate" or had life support systems removed by their families.

2. The percentage of the patient population at AMI Presbyterian Denver and Aurora Hospitals that is made up of Medicare patients is 44.3%. The Medicare Case Mix Index in 1987 at Presbyterian Denver and Aurora Hospitals was 1.4062, which is another indicator of the level of illness of the AMI Presbyterian Denver and Aurora Hospitals' patients. The statewide average Adjusted Case Mix Index is .9000.

3. As with AMI Saint Luke's Hospital, AMI Presbyterian Denver and Aurora Hospitals have kept Medicare mortality rates within HCFA's predicted ranges, despite the severely ill nature of the patients.

Our organization is committed to monitoring the quality of care in our facilities. Comprehensive chart review and other procedures are conducted by the hospital and medical staff in order to monitor our performance in providing patient care. We believe that a patient's well being is safe-guarded with these procedures. Our organization would be willing to answer questions regarding these procedures.

Thank you for this opportunity to comment on the HCFA generated mortality statistics. If you or members of the general public have any questions, please contact me through the Medical Staff Office at (303) 839-6888.

Sincerely,

A. Lee Anneberg, M.D., Chairperson
Medical Quality Assurance Committee

ALA/AL/mh

cc: Tom Sawicki, Senior Vice President and Region Director, American Medical International

Don Lenz, Executive Director, AMI Presbyterian/Saint Luke's Medical Center

Phil Herre, Executive Director, AMI Presbyterian Aurora Hospital

Paul Pretsch, Director of Marketing, AMI Central Region

Leona Berger, Vice President of Professional Support Services, AMI Central Region

Ann Locy, Manager of Utilization Review Systems, AMI Presbyterian/Saint Luke's Medical Center

ST MARY CORWIN HOSP

1008 MINNEQUA AVE
PUEBLO, CO 81004

Medicare Hospital Provider Number: 060012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,287	14	10 - 14	2,545	12	10 - 14
Cancer	82	46	29 - 54	101	52	32 - 56
Cerebrovascular Accidents	87	33	18 - 39	82	12	18 - 35
Gastrointestinal Catastrophes	34	53	19 - 55	35	46	17 - 53
Infectious Disease	35	23	22 - 54	53	36	22 - 52
Metabolic/Electrolyte Disorders	9	22	3 - 63	28	25	10 - 46
Pulmonary Disease	115	24	19 - 38	121	21	19 - 37
Renal Failure	24	42	12 - 65	16	31	11 - 68
Severe Acute Heart Disease	72	28	26 - 49	105	37	29 - 50
Severe Chronic Heart Disease	88	23	14 - 33	87	31	15 - 36
Severe Trauma	8	25	8 - 68	5	20	8 - 76
Gastrointestinal Disease	153	5	1 - 10	166	5	1 - 10
Gynecologic Disease	18	0	0 -100	36	0	0 -100
Low-Risk Heart Disease	275	7	1 - 9	258	4	2 - 7
Musculoskeletal/Skin Conditions	266	4	1 - 7	337	3	1 - 6
Neuropsychiatric/Sensory Disease	75	8	0 - 26	79	4	1 - 14
Urologic Disease	115	1	0 - 8	147	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 307
Occupancy Rate (%): 59
Ownership/Control: Church

STAFFING

Total Number of Physicians: 129
Percent of Physicians Who Are Board Certified Specialists: 81
Interns and Residents: 16
Registered Nurses: 248
Licensed Practical Nurses: 32

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

ST. MARY-CORWIN HOSPITAL
REGIONAL MEDICAL & HEALTH CENTER

Hospital ID: 060012

Health Care Financing Administration 1987 Mortality Data

Of the 2,287 Medicare admissions as reported by the Health Care Financing Administration for 1987, 308 deaths were identified as occurring within 30 days of admission.

All 308 deaths reported by HCFA were reviewed for accuracy regarding admission and discharge dates. There was only one (1) case in which the patient was reported as having died in this institution, however, upon further review the patient did not die. We would anticipate the number of deaths would be adjusted to 307.

63 of the 307 cases were reported to have expired sometime after discharge, but within 30 days of admission to the hospital. These 63 deaths after discharge represent 21% of the reported deaths.

Cases in five (5) diagnostic categories were selected for focused review. The categories selected were cerebrovascular accidents, gastrointestinal catastrophes, renal failure, low risk heart disease and neuropsychiatric and sensory disease. In these categories 83 deaths within 30 days of discharge were reported among 495 admissions. Of the 83 deaths, 79 or 95% of the cases were reviewed. It was noted during the review process that one (1) death reported in the low risk heart disease category, the patient did not die.

Among the deaths in the cerebrovascular accidents category 29 deaths were reported among 87 admissions. Two (2) of these deaths occurred after discharge. At the time of discharge to nursing homes, the prognosis was poor for these two patients. Of the 27 deaths that occurred in the hospital it was noted that in 20 cases families requested no heroic measures be initiated in light of each patient's poor prognosis. Craniotomies were performed in four (4) of these cases. Comorbid conditions among these patients included hypertension, diabetes mellitus, valvular heart disease, atrial fibrillation and renal failure. Also of note, eight (8) patients were transfers to this facility from nursing homes, an adult foster care home, a rehabilitation facility and other hospitals. Death was not unexpected in any of the cases reviewed.

There were 19 deaths (within 30 days of admission) in the gastrointestinal catastrophes category. One (1) death occurred after discharge. In this case the patient was discharged to a nursing home and the family, in light of the patient's poor prognosis, requested no heroic measures. In the 18 cases where death occurred while hospitalized 14 patients had do not resuscitate orders, by family request. Six (6) of these cases had hepatic failure in light of cirrhosis with portal hypertension and in several cases bleeding esophageal varices. In one (1) case the patient had hepatic failure due to metastatic adenocarcinoma. Also, there were six (6) cases in which the patient had an ischemic/infarcted bowel (3 had surgical intervention). In at least two (2) cases the patient's medical condition precluded any surgical intervention, it was anticipated that neither patient would survive surgery. Of these 18 deaths, 4 were transferred from other hospitals and 1 from a nursing home. Review of these cases would indicate that death was not an unexpected outcome.

In the renal failure category 10 deaths occurred within 30 days of admission with one (1) of these occurring post discharge. Diagnostic coding was questioned in at lease one (1) case and it would be anticipated that with recoding this case might fall into another diagnostic category. Death was not unexpected any case reviewed. In 8 of 9 deaths that occurred in the hospital, per family request, there were do not resuscitate orders.

20 deaths within 30 days of admission were reported in the low risk heart disease category. Five (5) of these deaths occurred after discharge with one (1) patient discharged to a nursing home and one (1) discharged home with hospice care. Also three (3) of the 5 had do not resuscitate orders at the time of discharge, per family request. Questions of diagnostic coding were raised in five (5) cases and it would be anticipated that these cases would fall into other diagnostic categories. Among the 15 deaths that occurred while hospitalized 9 patients upon family request had do not resuscitate orders. It was also noted that one (1) patient was admitted in cardiac arrest and succumbed within 24 hours. Two (2) patients were admitted from nursing homes, three (3) from outside communities and one (1) from another hospital. Death was not unexpected in any case reviewed.

In the neuropsychiatric and sensory disease category six (6) deaths were reported within 30 days of admission with one of these occurring after discharge. 3 of 5 patients who died while hospitalized were do not resuscitate based on family request. Death was not unexpected in these cases in light of their condition at admission or their course during hospitalization.

Our review of the HCFA mortality information reinforces the understanding that this institution serves as a regional referral center in particular given the moribund or near moribund condition of a number of the patients reported among our moralities.

The HCFA report includes AHA 1986 hospital characteristics, in particular number of beds. It should be noted that the 180 beds reported are general medical/surgical beds and do not include 18 critical care beds (6 acute neurological, 8 coronary care and 4 cardiovascular beds).

ST MARYS HOSP/MED CTR

7TH AND PATTERSON RD
GRAND JUNCTION, CO 81501

Medicare Hospital Provider Number: 060023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,930	9	10 - 14	1,851	10	10 - 14
Cancer	76	16	29 - 50	80	31	28 - 52
Cerebrovascular Accidents	99	27	17 - 37	78	14	16 - 34
Gastrointestinal Catastrophes	18	22	12 - 54	18	22	13 - 55
Infectious Disease	29	28	17 - 53	35	34	22 - 57
Metabolic/Electrolyte Disorders	12	17	6 - 54	21	14	8 - 45
Pulmonary Disease	104	17	17 - 35	93	17	16 - 35
Renal Failure	9	11	16 - 73	5	60	9 - 84
Severe Acute Heart Disease	97	35	25 - 46	91	42	28 - 50
Severe Chronic Heart Disease	73	12	15 - 32	68	18	15 - 34
Severe Trauma	8	25	6 - 67	7	0	7 - 56
Gastrointestinal Disease	117	5	0 - 14	112	4	1 - 11
Gynecologic Disease	23	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	196	2	1 - 6	208	3	1 - 7
Musculoskeletal/Skin Conditions	229	2	1 - 6	217	1	1 - 5
Neuropsychiatric/Sensory Disease	45	2	0 - 28	40	5	0 - 52
Urologic Disease	106	1	0 - 13	96	0	1 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	177
Occupancy Rate (%):	63
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	146
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	12
Registered Nurses:	257
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

ST THOMAS MORE HOSPITAL

1019 SHERIDAN
CANON CITY, CO 81212

Medicare Hospital Provider Number: 060016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	672	12	9 - 15	603	10	8 - 14
Cancer	22	41	20 - 61	9	56	12 - 71
Cerebrovascular Accidents	21	29	13 - 52	20	20	11 - 47
Gastrointestinal Catastrophes	7	43	5 - 72	4	75	11 - 84
Infectious Disease	17	29	9 - 54	11	18	14 - 63
Metabolic/Electrolyte Disorders	5	0	2 - 66	4	50	2 - 84
Pulmonary Disease	52	27	14 - 40	40	22	9 - 38
Renal Failure	1	0	3 - 98	1	100	3 - 99
Severe Acute Heart Disease	16	63	19 - 64	32	34	22 - 56
Severe Chronic Heart Disease	38	21	11 - 38	22	5	13 - 37
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	47	0	0 - 13	33	6	0 - 32
Gynecologic Disease	10	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	60	0	1 - 9	70	3	1 - 13
Musculoskeletal/Skin Conditions	55	2	0 - 21	42	5	0 - 37
Neuropsychiatric/Sensory Disease	19	0	0 - 39	24	0	0 - 51
Urologic Disease	25	4	0 - 97	35	0	0 - 31

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	201
Occupancy Rate (%):	60
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	25
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	29
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST VINCENT GENERAL HOSP

WEST 4TH AND WASHINGTON
LEADVILLE, CO 80461

Medicare Hospital Provider Number: 060029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	96	4	7 - 17	98	5	8 - 18
Cancer	1	100	3 - 98	3	67	6 - 87
Cerebrovascular Accidents	4	25	2 - 81	4	50	5 - 82
Gastrointestinal Catastrophes	1	0	0 - 98	1	0	0 - 99
Infectious Disease	1	0	1 - 97	2	0	1 - 90
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	8	0	6 - 49	7	0	14 - 58
Renal Failure	2	0	2 - 89	1	0	1 - 97
Severe Acute Heart Disease	2	100	9 - 92	3	0	5 - 79
Severe Chronic Heart Disease	9	0	8 - 46	6	0	7 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 60	10	0	0 - 99
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	0	0 - 91	9	0	0 - 93
Musculoskeletal/Skin Conditions	15	0	0 - 99	9	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	5	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	22
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STERLING REGIONAL MEDICAL CENTER

615 FAIRHURST ST
STERLING, CO 80751

Medicare Hospital Provider Number: 060076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	447	14	9 - 16	465	16	9 - 16
Cancer	16	50	20 - 67	11	64	20 - 74
Cerebrovascular Accidents	16	25	8 - 52	20	30	12 - 52
Gastrointestinal Catastrophes	3	33	8 - 89	1	0	0 - 98
Infectious Disease	4	25	11 - 84	6	17	13 - 74
Metabolic/Electrolyte Disorders	3	33	4 - 86	4	50	2 - 83
Pulmonary Disease	26	27	12 - 47	24	46	9 - 49
Renal Failure	0	-	-	3	33	10 - 92
Severe Acute Heart Disease	17	47	19 - 64	26	42	22 - 60
Severe Chronic Heart Disease	18	33	9 - 52	20	25	9 - 48
Severe Trauma	3	33	9 - 90	0	-	-
Gastrointestinal Disease	46	9	0 - 34	46	7	0 - 27
Gynecologic Disease	5	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	28	4	1 - 30	25	8	0 - 69
Musculoskeletal/Skin Conditions	55	4	0 - 30	58	3	0 - 18
Neuropsychiatric/Sensory Disease	2	0	0 -100	8	0	0 -100
Urologic Disease	38	5	0 - 64	39	3	0 - 82

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	47
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	27
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	47
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SWEDISH MEDICAL CENTER

501 E HAMPDEN AVE
ENGLEWOOD, CO 80110

Medicare Hospital Provider Number: 060034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,886	9	7 - 11	2,194	9	7 - 12
Cancer	42	24	28 - 57	46	35	24 - 54
Cerebrovascular Accidents	69	36	17 - 41	79	28	17 - 38
Gastrointestinal Catastrophes	26	31	14 - 52	19	5	17 - 48
Infectious Disease	6	50	7 - 75	13	38	13 - 64
Metabolic/Electrolyte Disorders	12	8	2 - 50	22	27	6 - 48
Pulmonary Disease	75	16	15 - 35	135	16	15 - 32
Renal Failure	6	67	13 - 83	1	100	3 - 98
Severe Acute Heart Disease	68	41	25 - 50	90	40	28 - 51
Severe Chronic Heart Disease	38	18	12 - 38	54	33	11 - 37
Severe Trauma	10	40	11 - 69	5	40	4 - 78
Gastrointestinal Disease	156	2	1 - 7	172	1	1 - 6
Gynecologic Disease	59	0	0 - 98	63	0	0 - 83
Low-Risk Heart Disease	149	3	1 - 9	155	3	1 - 8
Musculoskeletal/Skin Conditions	293	2	0 - 5	371	2	0 - 5
Neuropsychiatric/Sensory Disease	60	2	0 - 23	73	3	0 - 17
Urologic Disease	93	0	0 - 10	102	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	305
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	342
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	384
Licensed Practical Nurses:	26

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNION PRINTERS HOME AND HOSP

UNION BLVD AT PIKES PEAK AVE
COLORADO SPRINGS, CO 80901

Medicare Hospital Provider Number: 060083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	5	40	1 - 82	7	29	6 - 69
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	2	50	2 - 92
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	3	67	1 - 87	4	0	6 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	153
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNIVERSITY HOSP

4200 E 9TH AVE
DENVER, CO 80262

Medicare Hospital Provider Number: 060024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,123	13	8 - 13	1,264	12	8 - 14
Cancer	58	45	29 - 57	63	40	30 - 57
Cerebrovascular Accidents	23	35	9 - 48	33	21	14 - 43
Gastrointestinal Catastrophes	16	31	11 - 58	12	50	14 - 67
Infectious Disease	11	27	6 - 60	17	41	13 - 59
Metabolic/Electrolyte Disorders	13	31	3 - 58	14	14	3 - 51
Pulmonary Disease	29	45	8 - 45	42	29	11 - 40
Renal Failure	13	0	3 - 55	48	10	2 - 57
Severe Acute Heart Disease	41	51	24 - 55	50	46	25 - 54
Severe Chronic Heart Disease	40	7	12 - 32	28	21	13 - 44
Severe Trauma	5	40	1 - 80	6	33	3 - 74
Gastrointestinal Disease	52	8	0 - 36	57	5	1 - 19
Gynecologic Disease	11	0	0 -100	16	0	0 -100
Low-Risk Heart Disease	89	3	1 - 11	120	7	1 - 13
Musculoskeletal/Skin Conditions	94	3	0 - 26	101	1	0 - 10
Neuropsychiatric/Sensory Disease	69	3	0 - 18	82	2	0 - 19
Urologic Disease	35	3	0 - 92	33	0	0 - 73

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	322
Occupancy Rate (%):	71
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	1,280
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	518
Registered Nurses:	623
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

University of Colorado Health Sciences Center

4200 East Ninth Avenue
Denver, Colorado 80262

University Hospitals
School of Medicine

School of Nursing
School of Dentistry

School of Pharmacy
Graduate School

October 14, 1988

Medicare Provider # 060024

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD
21207

Dear Mrs. Kappert:

University Hospital has reviewed the mortality statistics which HCFA plans to publish in December and would like to submit the following comments and changes to be made before final publication.

The data used by HCFA indicate that a total of 148 Medicare patients admitted to University Hospital died within 30 days of admission. Of these, 104 died while still a patient of the hospital while 44 died after discharge.

In carefully checking our medical records and billing documents, we discovered the following changes need to be made for the HCFA Mortality Report data to be accurate.

1. **CANCER**

   A. One patient in this category should be subtracted due to the fact the fiscal intermediary (FI) reversed our codes and used our secondary diagnosis as the primary. We identified 154.0 as primary and 197.7 as secondary and the FI used the 197.7 code as primary. Statistics would then reflect thirteen in-hospital and twelve post-hospital deaths and a 44% mortality rate.
   B. Of the twelve post-hospital deaths, seven were discharged to a hospice for terminal care, four were discharged to home health care and one was discharged to a nursing home.

2. **SEVERE ACUTE HEART DISEASE**

   A. One patient in this category should be subtracted due to the fact the bill was submitted with reversed principal and secondary diagnoses. Corrected billing has been submitted. Statistics would then reflect nineteen in-hospital and one post-hospital death and a 50% mortality rate.
   B. The one post-hospital death had been discharged to a nursing home.

3. **PULMONARY DISEASE**

   A. One patient shown as a post-hospital death was transferred to the Veteran's Administration Medical Center. Patient was confirmed to have expired there and should be deleted from the cases which changes the mortality rate to 43%.
   B. Of the two remaining post-hospital deaths, one was discharged to a nursing home and one was discharged to home.

There is also a correction on the Hospital Characteristics Section. Your report states we have 166 beds. However, according to our 1986 Annual Survey of Hospitals by the American Hospital Association, we reported 322 staffed beds. By increasing the number of beds, the registered nurses per bed and the licensed practical nurses per bed should also change.

Attached are the patient specific changes. We would like to note that statistical analysis of mortality rates can do no more than suggest thorough review of medical records. Clearly, they cannot of themselves indicate quality of care.

Because we are the primary University of Colorado teaching hospital, we serve as a tertiary care referral center for Colorado and the surrounding states for severely ill patients. The great majority of patients are referred to us because of the complexity of the clinical situation involved. We have a large referral pattern in many clinical areas of patients with advanced disease. These circumstances lead to the potential for our hospital having an above-average mortality rate.

We respectfully request that HCFA respond to the above information in order to ensure a fair and accurate HCFA report.

Sincerely,

Dennis Brimhall
Director
University Hospital

10/17/88
CK/DB:ltl
1 Memo (DB.HCFA)2

VAIL VALLEY MED CTR

P O BOX 36
VAIL, CO 81657

Medicare Hospital Provider Number: 060096

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	44	9	7 - 26	40	2	4 - 19
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	0	-	-
Gastrointestinal Catastrophes	1	0	3 - 98	0	-	-
Infectious Disease	3	0	2 - 80	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	1	0	0 -100	4	0	1 - 75
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	50	15 - 82	3	0	3 - 79
Severe Chronic Heart Disease	1	0	0 -100	3	0	2 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	4	0	0 -100	5	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	30
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	35
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

VALLEY VIEW HOSP

1906 BLAKE AVE
GLENWOOD SPRINGS, CO 81601

Medicare Hospital Provider Number: 060075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	406	10	8 - 15	355	7	8 - 14
Cancer	12	50	21 - 73	8	38	13 - 73
Cerebrovascular Accidents	12	25	9 - 58	8	25	7 - 65
Gastrointestinal Catastrophes	5	20	3 - 75	10	10	12 - 59
Infectious Disease	7	14	13 - 70	5	20	7 - 75
Metabolic/Electrolyte Disorders	6	67	5 - 73	7	14	2 - 66
Pulmonary Disease	14	14	9 - 50	17	24	11 - 53
Renal Failure	2	50	6 - 95	2	100	7 - 92
Severe Acute Heart Disease	12	50	19 - 71	10	20	20 - 69
Severe Chronic Heart Disease	24	21	8 - 42	26	23	11 - 44
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	27	0	0 - 33	23	0	0 - 57
Gynecologic Disease	5	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	29	0	0 - 21	38	0	0 - 16
Musculoskeletal/Skin Conditions	71	1	0 - 14	69	0	0 - 9
Neuropsychiatric/Sensory Disease	14	14	0 -100	9	0	0 -100
Urologic Disease	13	0	0 -100	17	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	65
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	97
Interns and Residents:	0
Registered Nurses:	63
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WALSH DISTRICT HOSP & NH

150 NEVADA ST P O BOX 206
WALSH, CO 81090

Medicare Hospital Provider Number: 060077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	29	7	7 - 29	35	9	3 - 26
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	0	2 - 88	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	2 - 97	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	20	9 - 76	2	0	0 - 94
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	3 - 98	3	67	7 - 88
Severe Chronic Heart Disease	0	-	-	1	0	0 -100
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	8	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	52
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WASHINGTON COUNTY PUBLIC HOSP

465 MAIN ST
AKRON, CO 80720

Medicare Hospital Provider Number: 060074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	66	24	9 - 31	59	19	6 - 27
Cancer	3	67	4 - 86	0	-	-
Cerebrovascular Accidents	4	75	3 - 80	6	33	2 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	75	7 - 81	0	-	-
Metabolic/Electrolyte Disorders	4	0	1 - 75	3	0	0 - 92
Pulmonary Disease	8	25	9 - 67	8	38	6 - 68
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	67	10 - 91	4	50	9 - 84
Severe Chronic Heart Disease	5	0	6 - 63	3	67	5 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	33	0 -100	7	0	0 - 85
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	4	25	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	11
Occupancy Rate (%):	18
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WEISBROD MEMORIAL CO HOSP

1208 LUTHER ST
EADS, CO 81036

Medicare Hospital Provider Number: 060047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	11	0	4 - 38	10	10	4 - 51
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	4	0	1 - 74	2	0	4 - 88
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 97	2	50	2 - 92
Severe Chronic Heart Disease	0	-	-	1	0	0 -100
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	1	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	67
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WRAY COMMUNITY DIST HOSP

340 BIRCH ST BOX 65
WRAY, CO 80758

Medicare Hospital Provider Number: 060053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	12	6 - 20	130	14	7 - 20
Cancer	2	50	6 - 94	2	100	4 - 89
Cerebrovascular Accidents	0	-	-	6	50	5 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	1	0	1 - 97
Metabolic/Electrolyte Disorders	2	0	2 - 88	1	0	0 - 99
Pulmonary Disease	9	22	5 - 61	11	9	7 - 50
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	43	9 - 73	7	43	11 - 75
Severe Chronic Heart Disease	3	0	1 - 81	11	18	6 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	4	0 - 51	16	0	0 - 38
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	11	9	0 - 97	14	14	0 - 89
Musculoskeletal/Skin Conditions	4	0	0 -100	9	0	0 - 80
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	3	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	16
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

YUMA DISTRICT HOSP

910 S MAIN ST
YUMA, CO 80759

Medicare Hospital Provider Number: 060056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	74	19	7 - 26	91	18	6 - 23
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	9	44	7 - 66	7	29	9 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 98	1	0	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	60	6 - 78	5	40	1 - 85
Renal Failure	2	100	6 - 91	0	-	-
Severe Acute Heart Disease	6	50	12 - 79	7	57	9 - 73
Severe Chronic Heart Disease	0	-	-	8	13	4 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 -100	7	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	0	0 - 62	12	8	0 - 83
Musculoskeletal/Skin Conditions	3	0	0 -100	9	0	0 - 99
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 - 93
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	17
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Yuma District Hospital

910 South Main *Yuma, Colorado 80759* *Phone 848-5405*

James D. Naeve, Administrator

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

Review of the Medicare Hospital Mortality Information we recently received indicates that Yuma District Hospital falls well within the range for predicted mortality in all categories except one during the calendar year 1987.

We are a small hospital and do not have a great number of patients in many of the categories. Indeed, the category in which the range for predicted mortality was exceeded was one in which only 2 patients were admitted during the year and both of these patients were seriously ill with poor prognosis on admission.

Two of the patients listed as those whose last discharge in 1987 was from Yuma District Hospital and who died within 30 days of that discharge were actually transferred from Yuma District Hospital to a large Denver hospital and subsequently died in that hospital. These patients were medical record no. [redacted] in the Severe Heart Disease Category and medical record no. [redacted] in the All other diseases category.

Sincerely,

James D. Naeve

James D. Naeve, Administrator

BARRETT MEMORIAL HOSP

1260 S ATLANTIC
DILLON, MT 59725

Medicare Hospital Provider Number: 270028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	208	7	9 - 17	216	11	9 - 18
Cancer	4	75	10 - 83	6	100	10 - 61
Cerebrovascular Accidents	5	40	9 - 80	7	29	6 - 69
Gastrointestinal Catastrophes	0	-	-	2	50	3 - 92
Infectious Disease	1	0	3 - 98	4	0	4 - 71
Metabolic/Electrolyte Disorders	4	0	0 - 84	5	0	5 - 64
Pulmonary Disease	29	10	12 - 38	29	7	14 - 38
Renal Failure	2	50	7 - 97	1	100	1 - 97
Severe Acute Heart Disease	5	20	8 - 75	4	50	10 - 85
Severe Chronic Heart Disease	16	0	15 - 38	4	0	11 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	0 - 47	19	5	0 - 95
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	22	0	0 - 60	23	0	0 - 33
Musculoskeletal/Skin Conditions	18	6	0 - 56	20	0	0 - 69
Neuropsychiatric/Sensory Disease	13	0	0 - 93	8	13	0 - 99
Urologic Disease	6	0	0 - 99	9	11	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	26
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BARRETT MEMORIAL HOSPITAL
1260 South Atlantic
Dillon, Montana 59725
406-683-2324

October 18, 1988 MEDICARE PROVIDER #270028

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

ATTENTION: Sandra Kappert

Dear Ms. Kappert:

Comments from our medical staff on the Medicare Hospital Mortality study refer to the information obtained from the AHA 1986 survey. "We had more board certified specialists, Family Practice is a specialty." "We have a CCU." We have a two bed ICU/CCU unit. We had a hospice program available in 1986, although at that time it was not a service provided through the hospital.

Sincerely,

Janet Merenz

Janet Merenz
Medical Staff Secretary

BIG HORN COUNTY MEM HOSP

17 N MILES
HARDIN, MT 59034

Medicare Hospital Provider Number: 270079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	119	18	7 - 21	145	12	6 - 17
Cancer	3	100	16 - 88	1	0	0 - 98
Cerebrovascular Accidents	3	67	1 - 89	6	17	5 - 68
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	5	60	13 - 84	0	-	-
Metabolic/Electrolyte Disorders	3	0	6 - 80	2	50	0 - 99
Pulmonary Disease	8	50	2 - 71	4	25	2 - 81
Renal Failure	0	-	-	2	50	3 - 93
Severe Acute Heart Disease	4	50	6 - 82	4	50	9 - 85
Severe Chronic Heart Disease	4	25	2 - 80	5	40	6 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 -100	25	4	0 - 46
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	9	0	0 - 97	15	0	0 - 67
Musculoskeletal/Skin Conditions	14	0	0 - 95	13	8	0 -100
Neuropsychiatric/Sensory Disease	5	20	0 - 99	6	0	0 - 99
Urologic Disease	2	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BIG SANDY MEDICAL CTR

P O BOX 530
BIG SANDY, MT 59520

Medicare Hospital Provider Number: 270053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	9	33	3 - 65	40	12	7 - 29
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	1	0	0 - 98
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	2	0	4 - 88	10	30	13 - 66
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	3 - 99
Severe Chronic Heart Disease	1	100	0 - 98	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	2	0	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	7	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 29
Occupancy Rate (%): 45
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 1
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BOZEMAN DEACONESS HOSP

915 HIGHLAND BLVD
BOZEMAN, MT 59715

Medicare Hospital Provider Number: 270057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	862	11	7 - 12	810	9	8 - 13
Cancer	26	58	24 - 63	18	39	23 - 67
Cerebrovascular Accidents	21	33	13 - 53	27	41	14 - 50
Gastrointestinal Catastrophes	5	0	4 - 64	5	40	2 - 79
Infectious Disease	10	10	9 - 56	10	20	15 - 66
Metabolic/Electrolyte Disorders	9	33	3 - 66	3	0	0 - 92
Pulmonary Disease	43	30	14 - 43	44	20	15 - 41
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	18	44	18 - 62	20	35	23 - 64
Severe Chronic Heart Disease	30	20	9 - 40	23	13	10 - 41
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	76	0	1 - 8	58	0	1 - 10
Gynecologic Disease	11	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	73	1	1 - 11	83	1	1 - 9
Musculoskeletal/Skin Conditions	154	3	0 - 9	133	1	1 - 6
Neuropsychiatric/Sensory Disease	19	11	0 - 63	20	10	0 - 69
Urologic Disease	47	0	0 - 26	24	4	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	51
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	64
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	74
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BROADWATER HEALTH CTR

P O BOX 519
TOWNSEND, MT 59644

Medicare Hospital Provider Number: 270006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	83	4	11 - 21	74	14	8 - 24
Cancer	1	100	1 -100	0	-	-
Cerebrovascular Accidents	0	-	-	6	17	14 - 75
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	5	0	14 - 70	2	50	2 - 92
Pulmonary Disease	8	0	21 - 61	8	38	2 - 69
Renal Failure	2	100	9 - 94	0	-	-
Severe Acute Heart Disease	2	0	3 - 88	3	33	7 - 88
Severe Chronic Heart Disease	6	0	3 - 57	5	40	2 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 - 95	4	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	0	0 - 99	6	0	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	8	0	0 - 99	7	0	0 - 98
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	10
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

CARBON CO MEM HOSP

P O BOX 590
RED LODGE, MT 59068

Medicare Hospital Provider Number: 270029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	124	19	7 - 22	180	21	11 - 23
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	5	20	8 - 75	7	43	9 - 73
Gastrointestinal Catastrophes	0	-	-	2	0	3 - 88
Infectious Disease	2	100	8 - 91	3	100	15 - 87
Metabolic/Electrolyte Disorders	4	25	2 - 81	5	40	2 - 79
Pulmonary Disease	12	25	14 - 62	27	22	16 - 49
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	9	56	13 - 71
Severe Chronic Heart Disease	3	67	4 - 86	12	42	6 - 60
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 84	19	16	0 - 99
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	6	0 - 68	16	13	0 - 71
Musculoskeletal/Skin Conditions	12	0	0 - 99	11	0	0 - 99
Neuropsychiatric/Sensory Disease	7	0	0 -100	3	0	0 -100
Urologic Disease	0	-	-	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	52
Occupancy Rate (%):	64
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL MONTANA HOSP

408 WENDELL
LEWISTOWN, MT 59457

Medicare Hospital Provider Number: 270011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	465	10	8 - 15	450	9	6 - 13
Cancer	7	57	16 - 79	4	25	5 - 80
Cerebrovascular Accidents	19	26	14 - 54	8	63	9 - 70
Gastrointestinal Catastrophes	8	50	10 - 72	3	100	8 - 81
Infectious Disease	4	25	5 - 80	6	17	10 - 72
Metabolic/Electrolyte Disorders	7	29	3 - 70	1	100	3 - 99
Pulmonary Disease	32	13	15 - 41	16	19	7 - 49
Renal Failure	1	0	3 - 99	3	33	10 - 92
Severe Acute Heart Disease	17	35	22 - 65	18	50	20 - 64
Severe Chronic Heart Disease	18	22	7 - 48	12	17	7 - 53
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	35	0	1 - 15	51	2	1 - 16
Gynecologic Disease	4	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	41	2	1 - 19	59	7	0 - 23
Musculoskeletal/Skin Conditions	66	5	0 - 33	58	2	0 - 15
Neuropsychiatric/Sensory Disease	18	0	0 - 55	17	12	0 - 91
Urologic Disease	27	0	0 - 57	24	0	0 - 54

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	111
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Central
Montana
Hospital
&
Nursing
Home

408 Wendell Avenue • P.O. Box 580
Lewistown, Montana 59457-0580
Phone (406) 538-7711

October 24, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear. Mrs. Sandra Kappert:

Contained are our comments regarding the mortality statistics to be published in relation to Central Montana Hospital and Nursing Home here in Lewistown, Montana. First I would request that the information disclosed under "hospital characteristics" be corrected as follows:

1. We do have a hospital and community based Hospice program.

2. The bed occupancy rate was approximately 45% rather than 75% as shown in the printout we received.

Secondly, although our facilities statistics fall well within the established and presented statistical norms, it appears somewhat inaccurate and misleading to include deaths occurrring within 30 days of discharge. Considering the age of our patients, the patients frequent desires to go into a homecare or hospice environment, the inability to fully evaluate patients post discharge compliance and other environments to which patients are discharged, the process of publicizing this data in general seems to be misleading and not a valid measurement of actual institutional quality.

Some additional data which might be published includes that the average age of the patients who are included in this report as having deceased is a little over 81 years of age. The national average for individuals deceasing is 73 years of age. Additionally, of the individuals on the report who died during that period 38% of them died after being discharged from the hospital, a significant point in our opinion for the reasons mentioned in paragraph 2 above.

We would appreciate whatever comments are included along with the report when published, be reviewed with us prior to publication.

We appreciate the opportunity to comment.

Sincerely,

CENTRAL MONTANA HOSPITAL AND NURSING HOME

Robert G. Conrad

Robert G. Conrad, Administrator and
Chief Executive Officer

RGC/cje

CHOUTEAU COUNTY DIST HOSP

P O BOX 249
FORT BENTON, MT 59442

Medicare Hospital Provider Number: 270072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	35	14	9 - 34	50	14	5 - 26
Cancer	2	50	1 -100	2	100	11 - 95
Cerebrovascular Accidents	1	0	1 - 97	4	25	4 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	0	6 - 64	2	0	0 - 98
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	33	7 - 88	1	0	3 - 98
Severe Chronic Heart Disease	3	33	0 - 93	3	33	4 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	7	14	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	8	13	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	59
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CLARK FORK VALLEY HOSP

P O BOX 768
PLAINS, MT 59859

Medicare Hospital Provider Number: 270083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	159	13	8 - 19	160	11	9 - 19
Cancer	1	100	2 - 97	4	25	6 - 80
Cerebrovascular Accidents	5	20	6 - 74	10	10	11 - 56
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	0	0 - 93
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	16	25	9 - 53	17	29	10 - 54
Renal Failure	1	0	0 - 97	1	100	1 -100
Severe Acute Heart Disease	11	27	21 - 72	5	40	18 - 89
Severe Chronic Heart Disease	10	50	6 - 64	12	8	9 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	0 - 72	11	0	0 - 95
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	20	5	0 - 56	18	17	0 - 85
Musculoskeletal/Skin Conditions	21	0	0 - 87	23	0	0 - 70
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	1	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	16
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

COLUMBUS HOSP

P O BOX 5013
GREAT FALLS, MT 59403

Medicare Hospital Provider Number: 270013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,542	7	9 - 13	1,518	10	9 - 14
Cancer	63	29	34 - 60	82	45	36 - 61
Cerebrovascular Accidents	42	19	17 - 43	48	19	16 - 40
Gastrointestinal Catastrophes	11	36	13 - 67	15	7	16 - 52
Infectious Disease	14	36	15 - 64	10	50	11 - 68
Metabolic/Electrolyte Disorders	19	5	9 - 40	18	17	9 - 49
Pulmonary Disease	56	18	16 - 39	70	11	15 - 34
Renal Failure	9	44	16 - 80	9	56	9 - 75
Severe Acute Heart Disease	35	26	24 - 54	39	41	22 - 53
Severe Chronic Heart Disease	46	20	13 - 37	52	25	12 - 37
Severe Trauma	5	20	4 - 75	10	0	10 - 49
Gastrointestinal Disease	114	3	1 - 10	115	3	1 - 10
Gynecologic Disease	9	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	128	1	3 - 7	107	4	1 - 11
Musculoskeletal/Skin Conditions	250	1	1 - 5	197	2	0 - 6
Neuropsychiatric/Sensory Disease	62	5	0 - 23	79	1	1 - 10
Urologic Disease	100	0	0 - 8	91	3	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	198
Occupancy Rate (%):	50
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	67
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMM HOSP OF ANACONDA

401 W PENNSYLVANIA AVE
ANACONDA, MT 59711

Medicare Hospital Provider Number: 270009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	269	11	8 - 16	331	9	7 - 15
Cancer	6	67	20 - 86	7	57	24 - 88
Cerebrovascular Accidents	9	44	8 - 67	11	55	9 - 63
Gastrointestinal Catastrophes	3	0	6 - 80	1	0	0 - 99
Infectious Disease	1	0	0 - 99	2	0	4 - 89
Metabolic/Electrolyte Disorders	11	9	3 - 52	15	13	6 - 48
Pulmonary Disease	17	18	16 - 54	13	8	13 - 50
Renal Failure	1	0	0 -100	2	100	4 - 90
Severe Acute Heart Disease	6	67	13 - 78	4	25	14 - 87
Severe Chronic Heart Disease	22	23	6 - 43	19	21	6 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	39	0	1 - 14	46	2	0 - 20
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	17	0	0 - 61	19	5	0 - 74
Musculoskeletal/Skin Conditions	24	0	0 - 27	27	4	0 - 60
Neuropsychiatric/Sensory Disease	3	0	0 -100	12	0	0 - 90
Urologic Disease	9	0	0 -100	9	0	0 - 71

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	110
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEM HOSP

P O BOX 1690
SIDNEY, MT 59270

Medicare Hospital Provider Number: 270021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	364	10	8 - 15	356	12	9 - 17
Cancer	10	60	23 - 78	8	38	19 - 79
Cerebrovascular Accidents	7	43	6 - 71	7	29	7 - 69
Gastrointestinal Catastrophes	2	0	1 - 90	6	50	12 - 80
Infectious Disease	2	0	3 - 88	5	60	7 - 79
Metabolic/Electrolyte Disorders	5	0	7 - 65	10	10	5 - 54
Pulmonary Disease	22	9	13 - 42	21	10	12 - 43
Renal Failure	2	0	7 - 92	5	40	11 - 85
Severe Acute Heart Disease	7	43	11 - 74	15	53	21 - 68
Severe Chronic Heart Disease	17	29	8 - 51	13	15	6 - 50
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	0	0 - 20	22	5	0 - 81
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	33	6	0 - 43	47	0	1 - 11
Musculoskeletal/Skin Conditions	47	0	1 - 12	54	6	0 - 38
Neuropsychiatric/Sensory Disease	14	14	0 - 99	11	9	0 - 99
Urologic Disease	11	0	0 - 83	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	49
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DAHL MEMORIAL HOSP

P O BOX 46
EKALAKA, MT 59324

Medicare Hospital Provider Number: 270042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	19	21	5 - 44	9	11	1 - 65
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	2 - 97	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	2 - 97	1	100	3 - 99
Severe Chronic Heart Disease	1	100	0 - 99	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	100	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	89
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DANIELS MEM HOSP

P O BOX 400
SCOBEY, MT 59263

Medicare Hospital Provider Number: 270036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	19	26	3 - 47	41	10	8 - 29
Cancer	1	100	2 -100	0	-	-
Cerebrovascular Accidents	3	67	2 - 86	5	20	4 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	1	0	0 -100	4	0	6 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	1 - 97	5	40	9 - 80
Severe Chronic Heart Disease	2	100	0 - 94	3	0	4 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	6	0	0 - 99
Musculoskeletal/Skin Conditions	0	-	-	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	(not available)
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

DEACONESS MED CTR OF BILLINGS

P O BOX 2547
BILLINGS, MT 59103

Medicare Hospital Provider Number: 270004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,728	10	10 - 14	2,559	8	9 - 13
Cancer	143	35	30 - 51	139	34	31 - 52
Cerebrovascular Accidents	62	24	17 - 39	76	22	17 - 38
Gastrointestinal Catastrophes	26	23	13 - 50	20	15	20 - 57
Infectious Disease	13	46	13 - 65	13	54	13 - 64
Metabolic/Electrolyte Disorders	19	26	12 - 54	7	0	6 - 54
Pulmonary Disease	105	25	19 - 39	82	10	16 - 33
Renal Failure	34	26	15 - 63	18	28	12 - 67
Severe Acute Heart Disease	112	31	28 - 48	80	44	28 - 51
Severe Chronic Heart Disease	104	20	16 - 33	84	20	17 - 36
Severe Trauma	11	0	12 - 48	6	33	7 - 75
Gastrointestinal Disease	185	1	2 - 7	173	2	1 - 7
Gynecologic Disease	33	0	0 -100	32	0	0 -100
Low-Risk Heart Disease	440	3	3 - 6	357	3	2 - 6
Musculoskeletal/Skin Conditions	270	1	1 - 5	295	2	1 - 5
Neuropsychiatric/Sensory Disease	114	3	1 - 10	175	1	0 - 7
Urologic Disease	97	0	0 - 7	104	2	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	253
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	177
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	278
Licensed Practical Nurses:	38

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

FALLON COUNTY MED COMLEX - HOSP

P O BOX 820
BAKER, MT 59313

Medicare Hospital Provider Number: 270052

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	54	7	5 - 21	43	19	4 - 30
Cancer	0	-	-	1	100	3 - 99
Cerebrovascular Accidents	0	-	-	1	100	1 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 - 99
Pulmonary Disease	7	0	4 - 52	1	0	0 - 97
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	2	0	5 - 89	2	50	4 - 92
Severe Chronic Heart Disease	3	67	5 - 86	3	33	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 - 97	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	13	0 - 98	4	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 - 89	8	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	62
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FRANCES MAHON DEACONESS HOSP

621 THIRD STREET SOUTH
GLASGOW, MT 59230

Medicare Hospital Provider Number: 270044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	227	9	11 - 19	202	11	8 - 18
Cancer	4	50	12 - 88	6	33	20 - 86
Cerebrovascular Accidents	15	13	10 - 48	7	57	6 - 71
Gastrointestinal Catastrophes	2	50	8 - 97	4	25	6 - 80
Infectious Disease	2	50	4 - 92	3	33	5 - 86
Metabolic/Electrolyte Disorders	2	0	1 - 91	0	-	-
Pulmonary Disease	13	15	14 - 56	8	0	4 - 48
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	18	11	26 - 60	9	44	18 - 75
Severe Chronic Heart Disease	13	31	7 - 57	14	14	6 - 48
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	18	0	0 - 58	22	5	0 - 82
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	25	0	0 - 27	25	8	0 - 58
Musculoskeletal/Skin Conditions	16	0	0 - 98	25	8	0 - 85
Neuropsychiatric/Sensory Disease	9	0	0 -100	7	0	0 - 99
Urologic Disease	5	20	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	19
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FRANCES MAHON
DEACONESS HOSPITAL

621 3rd St. South
Glasgow, MT 59230
406-228-4351

TO BE ATTACHED TO MEDICARE HOSPITAL MORTALITY INFORMATION
FOR 1987

Average age of patient who expired was 81.
One patient expired eight months after discharge from hospital
Two patients expired four months after discharge from hospital
Four patients expired four months after discharge from hospital

Frances Mahon Deaconess Hospital does have a Coronary Care Unit

GLACIER CO MEDICAL CTR

802 2ND ST S E
CUT BANK, MT 59427

Medicare Hospital Provider Number: 270082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	109	13	6 - 20	125	10	6 - 18
Cancer	4	75	11 - 84	2	100	4 - 89
Cerebrovascular Accidents	3	33	6 - 87	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	2	50	3 - 92
Pulmonary Disease	7	14	8 - 65	10	10	10 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	2 - 97	4	50	7 - 83
Severe Chronic Heart Disease	7	14	2 - 67	9	22	5 - 61
Severe Trauma	0	-	-	2	0	1 - 90
Gastrointestinal Disease	12	0	0 - 54	8	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 - 98	8	0	0 -100
Musculoskeletal/Skin Conditions	12	0	0 - 73	15	7	0 - 61
Neuropsychiatric/Sensory Disease	5	20	0 -100	8	0	0 -100
Urologic Disease	5	20	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 20
Ownership/Control: State Government

STAFFING

Interns and Residents: 0
Registered Nurses: 6
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

GLENDIVE COMMUNITY HOSP

AMES AND PROSPECT
GLENDIVE, MT 59330

Medicare Hospital Provider Number: 270048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	216	14	12 - 22	215	13	9 - 19
Cancer	7	71	22 - 83	9	44	23 - 81
Cerebrovascular Accidents	15	33	11 - 57	6	17	9 - 70
Gastrointestinal Catastrophes	3	67	6 - 87	1	0	3 -100
Infectious Disease	7	14	9 - 66	5	20	4 - 74
Metabolic/Electrolyte Disorders	5	0	7 - 65	1	0	0 -100
Pulmonary Disease	19	26	12 - 52	22	36	13 - 53
Renal Failure	1	0	1 - 97	3	67	10 - 92
Severe Acute Heart Disease	15	20	22 - 63	6	33	10 - 76
Severe Chronic Heart Disease	11	9	5 - 49	8	38	3 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	14	0 - 85	13	0	0 - 69
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	25	4	0 - 39	28	4	0 - 56
Musculoskeletal/Skin Conditions	19	0	1 - 30	16	6	0 - 81
Neuropsychiatric/Sensory Disease	12	0	0 - 99	14	0	0 - 99
Urologic Disease	7	14	0 - 99	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	121
Occupancy Rate (%):	82
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRANITE COUNTY MEMORIAL HOSP

PO BOX 729
PHILIPSBURG, MT 59858

Medicare Hospital Provider Number: 270047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	32	9	6 - 29	37	14	4 - 29
Cancer	1	0	2 - 97	0	-	-
Cerebrovascular Accidents	3	0	4 - 79	2	50	4 - 92
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	5	20	4 - 74	7	14	1 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	4	25	2 - 80	3	0	3 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 -100	6	0	0 - 95
Musculoskeletal/Skin Conditions	6	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	57
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOLY ROSARY HOSP

2101 CLARK ST
MILES CITY, MT 59301

Medicare Hospital Provider Number: 270002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	504	10	9 - 15	548	12	8 - 15
Cancer	19	21	25 - 64	25	44	27 - 66
Cerebrovascular Accidents	14	43	9 - 58	17	47	13 - 58
Gastrointestinal Catastrophes	6	33	7 - 74	3	100	5 - 79
Infectious Disease	7	57	11 - 75	7	57	9 - 73
Metabolic/Electrolyte Disorders	3	0	3 - 79	2	0	3 - 88
Pulmonary Disease	19	42	7 - 52	24	25	8 - 45
Renal Failure	3	67	7 - 89	1	100	2 - 97
Severe Acute Heart Disease	18	39	18 - 61	18	61	15 - 58
Severe Chronic Heart Disease	36	11	15 - 37	34	26	12 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	50	0	1 - 11	46	2	1 - 16
Gynecologic Disease	3	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	36	3	0 - 26	41	2	1 - 20
Musculoskeletal/Skin Conditions	49	2	0 - 18	76	1	0 - 11
Neuropsychiatric/Sensory Disease	39	0	0 - 25	28	4	0 - 53
Urologic Disease	16	0	0 - 70	21	0	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	23
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	15
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KALISPELL REGIONAL HOSP

310 SUNNYVIEW LANE
KALISPELL, MT 59901

Medicare Hospital Provider Number: 270051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,256	9	8 - 12	1,262	9	8 - 12
Cancer	46	50	27 - 58	40	52	30 - 63
Cerebrovascular Accidents	41	20	15 - 41	37	30	15 - 45
Gastrointestinal Catastrophes	8	13	9 - 62	10	40	7 - 65
Infectious Disease	9	22	11 - 66	7	29	14 - 75
Metabolic/Electrolyte Disorders	10	10	3 - 54	17	0	8 - 36
Pulmonary Disease	38	13	11 - 36	44	14	13 - 37
Renal Failure	6	0	10 - 68	4	50	11 - 89
Severe Acute Heart Disease	46	48	23 - 53	42	36	22 - 52
Severe Chronic Heart Disease	44	34	12 - 41	45	31	11 - 39
Severe Trauma	2	50	2 - 92	3	67	1 - 88
Gastrointestinal Disease	109	1	1 - 8	116	1	1 - 7
Gynecologic Disease	16	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	133	0	2 - 5	109	3	1 - 10
Musculoskeletal/Skin Conditions	127	1	0 - 7	125	2	0 - 10
Neuropsychiatric/Sensory Disease	49	0	0 - 18	50	0	0 - 12
Urologic Disease	95	1	0 - 27	91	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 100
Occupancy Rate (%): 65
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 107
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LIBERTY COUNTY HOSP

CHESTER, MT 59522

Medicare Hospital Provider Number: 270027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	72	15	10 - 27	88	16	6 - 22
Cancer	2	0	1 - 92	1	100	1 - 97
Cerebrovascular Accidents	3	0	5 - 79	1	0	0 - 98
Gastrointestinal Catastrophes	0	-	-	2	50	2 - 92
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 97
Pulmonary Disease	4	25	2 - 81	7	29	9 - 71
Renal Failure	3	33	10 - 93	1	100	2 - 97
Severe Acute Heart Disease	5	60	12 - 83	3	33	6 - 87
Severe Chronic Heart Disease	2	50	5 - 94	2	50	1 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 72	12	8	0 - 93
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	7	0	0 - 99	6	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	6	0	0 - 92
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	51
Occupancy Rate (%):	77
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Liberty County Hospital
Chester, Montana

Provider Number: 27-0027

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

LIVINGSTON MEMORIAL HOSP

504 S 13TH ST
LIVINGSTON, MT 59047

Medicare Hospital Provider Number: 270080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	381	14	11 - 19	411	15	9 - 17
Cancer	15	53	25 - 73	12	75	18 - 67
Cerebrovascular Accidents	17	41	7 - 53	15	0	16 - 41
Gastrointestinal Catastrophes	2	50	3 - 92	6	50	7 - 76
Infectious Disease	12	17	16 - 61	5	80	12 - 79
Metabolic/Electrolyte Disorders	3	33	0 - 96	2	0	0 -100
Pulmonary Disease	26	15	15 - 46	39	38	15 - 47
Renal Failure	3	0	5 - 81	2	50	5 - 94
Severe Acute Heart Disease	21	43	19 - 60	16	56	19 - 65
Severe Chronic Heart Disease	12	8	11 - 50	13	23	9 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	45	4	0 - 30	43	5	0 - 40
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	29	7	1 - 32	41	0	1 - 13
Musculoskeletal/Skin Conditions	26	4	0 - 44	23	4	0 - 83
Neuropsychiatric/Sensory Disease	13	0	0 - 70	14	0	0 - 94
Urologic Disease	4	0	0 -100	8	0	0 - 88

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MADISON VALLEY HOSP

ENNIS, MT 59729

Medicare Hospital Provider Number: 270063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	70	11	5 - 21	70	11	5 - 22
Cancer	0	-	-	1	100	0 - 99
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 97	2	0	0 - 96
Pulmonary Disease	3	33	1 - 90	5	40	4 - 77
Renal Failure	0	-	-	1	100	2 - 98
Severe Acute Heart Disease	1	0	1 - 97	1	0	3 - 98
Severe Chronic Heart Disease	11	55	8 - 62	7	43	8 - 72
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	6	0	0 - 83
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 - 97	10	0	0 - 92
Musculoskeletal/Skin Conditions	10	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	6	0	0 -100
Urologic Disease	3	33	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	13
Occupancy Rate (%):	23
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MARCUS DALY MEM HOSP

1200 WESTWOOD DR
HAMILTON, MT 59840

Medicare Hospital Provider Number: 270050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	481	11	7 - 14	519	13	7 - 14
Cancer	15	87	24 - 63	13	62	25 - 75
Cerebrovascular Accidents	15	33	8 - 55	16	50	11 - 58
Gastrointestinal Catastrophes	2	0	1 - 89	3	67	1 - 88
Infectious Disease	5	40	7 - 78	5	40	6 - 78
Metabolic/Electrolyte Disorders	3	33	3 - 86	5	0	9 - 66
Pulmonary Disease	24	13	12 - 42	24	38	8 - 48
Renal Failure	8	100	21 - 73	4	25	17 - 94
Severe Acute Heart Disease	10	50	11 - 67	13	46	15 - 65
Severe Chronic Heart Disease	15	33	7 - 54	15	27	9 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	76	0	1 - 8	64	3	0 - 20
Gynecologic Disease	8	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	38	5	1 - 26	45	2	1 - 16
Musculoskeletal/Skin Conditions	55	0	0 - 12	71	6	0 - 22
Neuropsychiatric/Sensory Disease	24	4	0 - 44	27	4	0 - 45
Urologic Disease	5	0	0 -100	10	20	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 48
Occupancy Rate (%): 40
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 18
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MCCONE COUNTY HOSP

P O BOX 47
CIRCLE, MT 59215

Medicare Hospital Provider Number: 270043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	29	10	3 - 30	53	15	4 - 25
Cancer	1	100	0 - 98	3	33	10 - 91
Cerebrovascular Accidents	2	0	3 - 88	2	0	0 - 93
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	3	33	4 - 86	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	3 - 99
Severe Chronic Heart Disease	3	0	0 - 87	5	40	1 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	4	25	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	3	33	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	14	0	0 - 94
Neuropsychiatric/Sensory Disease	3	0	0 -100	5	0	0 -100
Urologic Disease	2	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	60
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

McCone County Hospital
Provider #270043

308 Meridian
P.O. Box 195
Circle, Montana 59215
(406) 485-2063

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

October 3, 1988

With regard to McCone County Hospital's "mortality rates" as presented by HCFA, I would like to call attention to the 100% "mortality rate" for cancer patients. Please note the number of cancer patients served - ONE (1). This single patient died from a terminal disease and this appears as a 100% "mortality rate". In the category of Pulmonary Disease, one (1) of three (3) patients died, which leads to a 33% "mortality rate".

Also, please note that McCone County Hospital has 20 licensed beds, as opposed to 14 as shown in your statistics, and four physicians, as opposed to 27 as shown in your statistics.

With regard to this release in general, I believe the statistics, while well-intentioned, are essentially meaningless. There are many serious issues facing the health care delivery system of our country. Perhaps the time, effort and energy that went into this directory of questionable importance could better be spent solving these problems. In HCFA Administrator William L. Roper, M.D.'s letter dated September 15, 1988, he states that HCFA "do[es] not recommend the use of the information by itself to make judgments about the quality of care... or to make comparisons among hospitals." In light of this, what exactly is your intention in releasing the information?

Sincerely,

Nancy A. Berry

Nancy A. Berry
Administrator

MINERAL COUNTY HOSP

P O BOX 66
SUPERIOR, MT 59872

Medicare Hospital Provider Number: 270073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	55	7	5 - 21	57	16	5 - 26
Cancer	0	-	-	2	100	9 - 92
Cerebrovascular Accidents	1	0	0 - 99	0	-	-
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	0	-	-	2	0	0 - 93
Metabolic/Electrolyte Disorders	1	0	0 -100	2	100	5 - 89
Pulmonary Disease	6	17	7 - 69	5	0	6 - 63
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	50	4 - 92	0	-	-
Severe Chronic Heart Disease	2	0	1 - 89	3	67	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 99	4	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	5	0	0 - 98	5	0	0 -100
Musculoskeletal/Skin Conditions	9	0	0 - 99	5	20	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MISSION VALLEY HOSP

P.O. BOX 310
SAINT IGNATIUS, MT 59865

Medicare Hospital Provider Number: 270001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	66	8	6 - 21	71	8	6 - 20
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	100	1 - 97	2	50	3 - 92
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	2	100	6 - 90	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 93
Pulmonary Disease	5	0	2 - 67	9	22	7 - 62
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	5	20	12 - 79	2	0	1 - 90
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	7	0	0 -100	8	0	0 - 75
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 97	6	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 -100	7	14	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	38
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MISSOULA COMMUNITY HOSP

2827 FT MISSOULA RD
MISSOULA, MT 59801

Medicare Hospital Provider Number: 270023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	660	7	8 - 13	746	8	7 - 12
Cancer	16	50	23 - 70	17	41	23 - 68
Cerebrovascular Accidents	20	45	11 - 54	25	32	12 - 49
Gastrointestinal Catastrophes	4	25	12 - 85	5	20	14 - 81
Infectious Disease	11	18	13 - 62	7	43	13 - 77
Metabolic/Electrolyte Disorders	10	10	10 - 57	6	17	4 - 69
Pulmonary Disease	30	20	11 - 42	27	26	14 - 48
Renal Failure	0	-	-	2	50	7 - 96
Severe Acute Heart Disease	7	43	12 - 75	16	31	18 - 63
Severe Chronic Heart Disease	21	10	10 - 40	19	26	11 - 51
Severe Trauma	1	0	0 - 98	3	67	6 - 87
Gastrointestinal Disease	60	0	2 - 10	66	3	1 - 14
Gynecologic Disease	11	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	54	2	1 - 14	44	2	1 - 17
Musculoskeletal/Skin Conditions	114	1	0 - 8	129	1	1 - 6
Neuropsychiatric/Sensory Disease	45	2	1 - 19	57	0	0 - 12
Urologic Disease	21	0	0 - 99	30	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	115
Occupancy Rate (%):	59
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	172
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MISSOULA GENERAL HOSPITAL

900 NORTH ORANGE STREET
MISSOULA, MT 59802

Medicare Hospital Provider Number: 270018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	107	11	6 - 19	253	10	8 - 17
Cancer	3	67	8 - 89	11	45	16 - 71
Cerebrovascular Accidents	2	0	2 - 89	5	20	5 - 74
Gastrointestinal Catastrophes	1	0	0 - 98	2	0	1 - 90
Infectious Disease	2	100	10 - 94	2	50	2 - 92
Metabolic/Electrolyte Disorders	0	-	-	2	50	1 - 93
Pulmonary Disease	6	17	2 - 70	17	29	14 - 57
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	25	7 - 81	7	14	17 - 72
Severe Chronic Heart Disease	4	25	8 - 82	11	9	6 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	11	0	0 - 89	21	0	0 - 34
Gynecologic Disease	0	-	-	3	0	0 -100
Low-Risk Heart Disease	9	11	0 - 87	21	5	0 - 51
Musculoskeletal/Skin Conditions	12	0	0 -100	31	0	0 - 20
Neuropsychiatric/Sensory Disease	4	0	0 -100	12	0	0 - 84
Urologic Disease	8	0	0 -100	12	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	50
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MONTANA DEACONESS MEDICAL CTR

1101 26TH STREET SOUTH
GREAT FALLS, MT 59401

Medicare Hospital Provider Number: 270012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,923	8	8 - 12	1,950	9	9 - 13
Cancer	50	52	30 - 60	65	37	29 - 56
Cerebrovascular Accidents	56	21	18 - 41	56	16	22 - 43
Gastrointestinal Catastrophes	14	21	12 - 58	12	25	10 - 60
Infectious Disease	20	15	15 - 51	16	31	16 - 62
Metabolic/Electrolyte Disorders	6	33	3 - 74	10	20	5 - 59
Pulmonary Disease	65	17	16 - 37	70	20	12 - 34
Renal Failure	6	67	16 - 86	4	50	8 - 87
Severe Acute Heart Disease	83	31	25 - 47	92	41	29 - 51
Severe Chronic Heart Disease	58	24	15 - 39	56	16	14 - 35
Severe Trauma	4	0	6 - 72	6	50	5 - 75
Gastrointestinal Disease	173	2	1 - 7	171	2	1 - 8
Gynecologic Disease	18	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	219	0	2 - 5	215	1	2 - 6
Musculoskeletal/Skin Conditions	239	1	1 - 5	209	1	1 - 5
Neuropsychiatric/Sensory Disease	128	2	0 - 10	149	1	1 - 7
Urologic Disease	83	4	0 - 27	89	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	412
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	128
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MONTANA STATE HOSP (GALEN CAMPUS)

RT 1-GALEN
DEER LODGE, MT 59756

Medicare Hospital Provider Number: 270055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	77	9	1 - 19	91	12	1 - 19
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	50	0 - 94	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 - 99	1	0	0 - 98
Pulmonary Disease	2	50	0 - 95	8	38	1 - 72
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	3 - 98	2	0	1 - 89
Severe Chronic Heart Disease	0	-	-	3	67	1 - 88
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	0	-	-	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	4	0	0 -100
Musculoskeletal/Skin Conditions	5	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	39	0	0 - 45	41	5	0 - 94
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	33
Ownership/Control:	State Government

STAFFING

Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MOUNTAINVIEW MEMORIAL HOSPITAL

BOX 481
WHITE SULPHUR SPRINGS , MT 59645

Medicare Hospital Provider Number: 270068

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	38	11	5 - 27	40	22	6 - 34
Cancer	1	100	0 - 98	2	100	12 - 98
Cerebrovascular Accidents	3	0	4 - 79	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	6	0	2 - 60	0	-	-
Pulmonary Disease	2	0	5 - 89	3	33	2 - 86
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	0	-	-	2	50	5 - 93
Severe Chronic Heart Disease	3	100	4 - 79	3	33	5 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 -100	7	0	0 - 81
Musculoskeletal/Skin Conditions	1	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	37
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTH VALLEY HOSP

6575 HIGHWAY 93 SOUTH
WHITEFISH, MT 59937

Medicare Hospital Provider Number: 270040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	355	12	8 - 16	325	15	9 - 17
Cancer	3	100	6 - 79	7	29	17 - 78
Cerebrovascular Accidents	15	20	9 - 51	18	33	9 - 52
Gastrointestinal Catastrophes	3	0	10 - 83	2	100	9 - 93
Infectious Disease	2	50	1 - 93	6	83	6 - 69
Metabolic/Electrolyte Disorders	7	14	6 - 65	6	17	2 - 70
Pulmonary Disease	29	31	11 - 46	17	24	14 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	43	20 - 69	13	46	17 - 68
Severe Chronic Heart Disease	19	26	7 - 48	10	30	8 - 62
Severe Trauma	2	50	1 - 94	0	-	-
Gastrointestinal Disease	31	0	0 - 23	26	4	0 - 66
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	31	0	0 - 21	24	0	0 - 28
Musculoskeletal/Skin Conditions	51	2	0 - 24	30	0	0 - 79
Neuropsychiatric/Sensory Disease	8	0	0 -100	10	10	0 - 99
Urologic Disease	3	0	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	106
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	40
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTHERN MONTANA HOSP

PO BOX 1231
HAVRE, MT 59501

Medicare Hospital Provider Number: 270032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	570	9	10 - 16	551	13	10 - 17
Cancer	13	23	24 - 70	12	50	21 - 73
Cerebrovascular Accidents	27	30	17 - 51	19	26	14 - 54
Gastrointestinal Catastrophes	10	10	19 - 65	8	25	12 - 71
Infectious Disease	3	33	6 - 87	4	25	5 - 80
Metabolic/Electrolyte Disorders	2	0	4 - 89	5	40	2 - 79
Pulmonary Disease	32	16	10 - 38	46	28	16 - 44
Renal Failure	1	0	3 - 98	3	67	10 - 92
Severe Acute Heart Disease	16	44	20 - 66	18	22	20 - 59
Severe Chronic Heart Disease	31	23	13 - 44	21	29	8 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	54	0	1 - 10	39	3	0 - 25
Gynecologic Disease	3	0	0 -100	2	0	0 - 98
Low-Risk Heart Disease	44	2	1 - 17	39	5	0 - 29
Musculoskeletal/Skin Conditions	61	2	0 - 19	56	4	0 - 20
Neuropsychiatric/Sensory Disease	37	8	0 - 90	40	7	0 - 54
Urologic Disease	7	0	0 - 93	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	120
Occupancy Rate (%):	56
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	26
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHILLIPS CO HOSP

417 SO FOURTH E
MALTA, MT 59538

Medicare Hospital Provider Number: 270046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	104	22	10 - 27	154	12	9 - 20
Cancer	0	-	-	3	67	11 - 91
Cerebrovascular Accidents	8	38	6 - 68	3	0	1 - 81
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	3 - 99	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	3	0	0 - 92
Pulmonary Disease	15	7	16 - 49	20	35	19 - 60
Renal Failure	2	100	6 - 91	0	-	-
Severe Acute Heart Disease	6	83	13 - 74	4	50	7 - 83
Severe Chronic Heart Disease	9	44	7 - 66	6	17	2 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	25	0 -100	19	0	1 - 25
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	9	22	0 -100	16	6	0 - 62
Musculoskeletal/Skin Conditions	4	0	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	5	0	0 -100
Urologic Disease	9	0	0 - 82	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 27
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PHS INDIAN HOSP

BROWNING, MT 59417

Medicare Hospital Provider Number: 270074

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	80	2	9 - 18	65	12	8 - 26
Cancer	1	0	0 - 98	2	100	9 - 93
Cerebrovascular Accidents	1	0	0 - 98	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	33	1 - 88	2	0	0 - 95
Pulmonary Disease	12	0	16 - 46	8	0	4 - 48
Renal Failure	1	0	2 - 97	1	100	3 -100
Severe Acute Heart Disease	2	0	6 - 89	2	50	4 - 92
Severe Chronic Heart Disease	3	33	5 - 86	5	0	4 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	0	0 - 70	7	0	0 - 93
Musculoskeletal/Skin Conditions	7	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	8	0	0 -100	2	0	0 -100
Urologic Disease	3	0	1 - 82	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	32
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

CROW AGENCY
BIG HORN, MT 59010

Medicare Hospital Provider Number: 270075

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	3	7 - 25	33	3	7 - 23
Cancer	2	0	6 - 90	1	0	0 -100
Cerebrovascular Accidents	1	0	0 - 99	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	1	0	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	4	0	13 - 76	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	3	33	1 - 88	3	0	7 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	4	0	1 - 79
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	1	0	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 -100	7	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#): 34
Ownership/Control: Federal Government

STAFFING

Interns and Residents: 0
Registered Nurses: 16
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

PHS INDIAN HOSP

HARLEM, MT 59526

Medicare Hospital Provider Number: 270076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	13	5 - 32	42	5	6 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	0	1 - 90	2	50	0 - 96
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	2	0	0 - 93	6	0	10 - 60
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	3	0	4 - 79	2	0	0 - 94
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	3	0	0 - 98
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	17	1 - 75	5	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	18
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PONDERA MEDICAL CTR

P O BOX 757
CONRAD, MT 59425

Medicare Hospital Provider Number: 270039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	7	8 - 18	108	13	7 - 20
Cancer	1	0	3 - 99	2	50	2 - 92
Cerebrovascular Accidents	3	0	3 - 79	6	33	6 - 73
Gastrointestinal Catastrophes	1	100	0 - 98	0	-	-
Infectious Disease	2	50	6 - 94	1	0	2 - 97
Metabolic/Electrolyte Disorders	0	-	-	3	33	1 - 89
Pulmonary Disease	11	9	9 - 51	4	50	1 - 84
Renal Failure	1	0	2 -100	0	-	-
Severe Acute Heart Disease	4	25	7 - 81	3	33	6 - 87
Severe Chronic Heart Disease	7	0	8 - 53	9	33	6 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	8	0 - 87	7	0	0 -100
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	15	0	0 - 58	18	0	0 - 49
Musculoskeletal/Skin Conditions	11	9	0 - 99	13	0	0 - 72
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	2	0	0 -100	4	25	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	112
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Pondera Medical Center

406-278-3211 805 Sunset Blvd. Conrad, MT 59425

September 23, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information
Hospital ID: 270039
Pondera Medical Center, 805 Sunset Blvd, Conrad, MT 59425

Please be advised that Hospital Characteristics, Survey Year 1986 bed number is incorrect.

The number of licensed beds for this period is is 34, not 26.

Sincerely,

N Campeau

N. Campeau
Administrator

POPLAR COMMUNITY HOSP

P O BOX 38
POPLAR, MT 59255

Medicare Hospital Provider Number: 270060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	42	12	5 - 27	43	9	4 - 25
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	0	0 - 92	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	2	50	2 - 92
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	4 - 89	2	50	0 -100
Pulmonary Disease	5	20	5 - 74	3	0	2 - 80
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	50	4 - 93	1	0	2 - 97
Severe Chronic Heart Disease	2	0	0 - 96	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	33	0 - 93
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	6	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	55
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

POWELL CO MEM HOSP

1101 TEXAS AVE
DEER LODGE, MT 59722

Medicare Hospital Provider Number: 270041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	90	22	7 - 25	128	15	7 - 21
Cancer	2	50	2 - 92	5	40	4 - 77
Cerebrovascular Accidents	3	100	8 - 81	7	14	11 - 67
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	100	0 - 99
Metabolic/Electrolyte Disorders	4	50	4 - 82	3	0	2 - 80
Pulmonary Disease	6	50	4 - 74	7	29	5 - 69
Renal Failure	1	0	2 - 97	1	100	1 - 97
Severe Acute Heart Disease	6	100	21 - 70	4	75	17 - 90
Severe Chronic Heart Disease	2	0	2 - 88	8	50	4 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	7	0	0 - 96
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	8	0	0 - 99	11	0	0 - 82
Musculoskeletal/Skin Conditions	5	0	0 -100	10	0	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 -100	11	0	0 - 97
Urologic Disease	4	0	0 - 99	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	40
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PRAIRIE COMMUNITY HOSP

312 S ADAMS AVE
TERRY, MT 59349

Medicare Hospital Provider Number: 270071

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	28	11	3 - 31	25	0	9 - 24
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	1	0	0 - 99	2	0	3 - 88
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	2	0	0 - 92	2	0	1 - 89
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	0	0 - 97
Severe Chronic Heart Disease	4	25	2 - 81	2	0	1 - 91
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 - 96	4	0	0 - 94
Musculoskeletal/Skin Conditions	6	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	75
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROOSEVELT MEM HOSP

P O BOX 473
CULBERTSON, MT 59218

Medicare Hospital Provider Number: 270067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	87	11	5 - 20	69	10	6 - 22
Cancer	1	100	3 - 98	2	50	6 - 94
Cerebrovascular Accidents	4	25	2 - 81	4	0	4 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	3 - 98	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 97
Pulmonary Disease	9	22	5 - 61	4	25	1 - 82
Renal Failure	1	0	2 - 97	2	100	7 - 92
Severe Acute Heart Disease	2	100	7 - 91	3	0	13 - 85
Severe Chronic Heart Disease	3	33	2 - 86	2	50	1 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 97	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	8	0 - 97	10	0	0 - 96
Musculoskeletal/Skin Conditions	10	0	0 - 97	5	0	0 - 96
Neuropsychiatric/Sensory Disease	5	0	0 -100	2	50	0 -100
Urologic Disease	0	-	-	3	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	74
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROSEBUD HEALTH CARE CTR (HOSP)

383 N 17TH AVE
FORSYTH, MT 59327

Medicare Hospital Provider Number: 270016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	77	8	8 - 21	98	15	8 - 23
Cancer	4	50	12 - 88	1	0	3 - 99
Cerebrovascular Accidents	3	0	3 - 79	3	67	5 - 86
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	2	100	9 - 93	4	50	10 - 86
Metabolic/Electrolyte Disorders	7	0	5 - 54	2	100	5 - 89
Pulmonary Disease	6	0	8 - 59	13	8	8 - 46
Renal Failure	0	-	-	1	100	1 - 97
Severe Acute Heart Disease	1	0	0 - 98	2	0	3 - 88
Severe Chronic Heart Disease	0	-	-	5	40	3 - 77
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 -100	10	0	0 - 86
Musculoskeletal/Skin Conditions	12	0	0 - 90	16	0	0 - 82
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	2	50	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	75
Occupancy Rate (%):	79
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROUNDUP MEMORIAL HOSP

1202 3RD ST WEST
ROUNDUP, MT 59072

Medicare Hospital Provider Number: 270081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	53	13	8 - 27	62	15	7 - 25
Cancer	1	100	2 -100	2	0	5 - 89
Cerebrovascular Accidents	0	-	-	2	0	2 - 89
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	1	0	3 - 98
Metabolic/Electrolyte Disorders	0	-	-	3	33	1 - 89
Pulmonary Disease	4	25	6 - 80	7	0	9 - 55
Renal Failure	1	100	3 -100	0	-	-
Severe Acute Heart Disease	4	25	12 - 85	2	100	6 - 90
Severe Chronic Heart Disease	5	20	2 - 76	6	33	4 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 - 98	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	14	0 -100	9	0	0 - 98
Musculoskeletal/Skin Conditions	6	0	0 - 96	6	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	60
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RUBY VALLEY HOSP

220 E CROWFOOT ST
SHERIDAN, MT 59749

Medicare Hospital Provider Number: 270059

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	67	13	7 - 24	64	6	6 - 20
Cancer	2	50	6 - 94	1	0	3 - 98
Cerebrovascular Accidents	5	20	2 - 76	3	0	2 - 80
Gastrointestinal Catastrophes	2	50	2 - 92	0	-	-
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	1	0	2 - 97	0	-	-
Pulmonary Disease	5	60	8 - 79	6	0	4 - 57
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	0	7 - 80	4	50	15 - 91
Severe Chronic Heart Disease	3	0	1 - 81	1	0	0 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 -100	8	13	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	7	0	0 - 92	4	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	11	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	18
Occupancy Rate (%):	11
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SHERIDAN MEM HOSP

440 WEST LAUREL AVE
PLENTYWOOD, MT 59254

Medicare Hospital Provider Number: 270058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	209	11	9 - 18	202	7	10 - 18
Cancer	8	50	16 - 77	5	20	12 - 79
Cerebrovascular Accidents	10	10	10 - 54	8	25	9 - 67
Gastrointestinal Catastrophes	5	20	10 - 77	1	0	0 - 98
Infectious Disease	0	-	-	10	0	13 - 50
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	13	31	12 - 61	15	13	10 - 49
Renal Failure	1	100	3 - 98	0	-	-
Severe Acute Heart Disease	7	43	12 - 76	10	20	19 - 69
Severe Chronic Heart Disease	19	11	10 - 42	20	5	15 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	27	0	0 - 27	17	0	0 - 93
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	14	7	0 - 99	17	0	1 - 33
Musculoskeletal/Skin Conditions	21	5	0 - 92	23	0	0 - 40
Neuropsychiatric/Sensory Disease	7	0	0 -100	12	0	0 - 98
Urologic Disease	3	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 85
Occupancy Rate (%): 97
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST JAMES COMMUNITY HOSP

2500 CONTINENTAL DR. BOX 3300
BUTTE, MT 59701

Medicare Hospital Provider Number: 270017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,515	11	8 - 13	1,560	11	8 - 13
Cancer	57	37	27 - 55	43	40	28 - 60
Cerebrovascular Accidents	41	27	14 - 43	49	33	14 - 41
Gastrointestinal Catastrophes	19	26	15 - 57	17	24	13 - 57
Infectious Disease	7	71	8 - 71	18	44	14 - 60
Metabolic/Electrolyte Disorders	18	17	12 - 52	16	19	2 - 52
Pulmonary Disease	69	25	13 - 36	55	11	14 - 34
Renal Failure	1	100	3 - 98	2	0	4 - 89
Severe Acute Heart Disease	35	43	24 - 57	48	44	24 - 53
Severe Chronic Heart Disease	59	22	13 - 35	55	31	11 - 37
Severe Trauma	5	60	8 - 80	4	25	2 - 81
Gastrointestinal Disease	159	4	1 - 9	169	3	1 - 8
Gynecologic Disease	13	0	0 -100	17	0	0 -100
Low-Risk Heart Disease	120	6	1 - 13	133	7	1 - 12
Musculoskeletal/Skin Conditions	167	5	1 - 10	171	4	0 - 10
Neuropsychiatric/Sensory Disease	35	3	0 - 33	47	0	0 - 17
Urologic Disease	99	2	0 - 15	87	2	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 274
Occupancy Rate (%): 39
Ownership/Control: Church

STAFFING

Total Number of Physicians: 58
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 135
Licensed Practical Nurses: 47

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

St. James Community Hospital, Inc.

Medicare Provider #27-0017

October 20, 1988

The data provided by HCFA has been reviewed:

Comments:

Infectious Disease

Each patient had additional disease conditions that increased the severity of the infectious disease process resulting in expected death outcomes.

Renal Failure

This diagnostic category represents only one patient, in which death was expected because of the severity of illness and age.

Severe Trauma

Patients within this diagnostic category represented the elderly that sustained injuries due to accidental falls, not hospital acquired.

P.O. Box 3300 400 South Clark Street Butte, Montana 59702 (406) 782-8361

St. James Community Hospital, Inc.

Medicare Provider #27-0017

October 20, 1988

Medicare Hospital Mortality Information (1987)

The following corrections are submitted after review of the Medicare Hospital Mortality Information (1987).

Hospital characteristics
- Beds (#): 180
- Total Number of Physicians 58
- RN's per Bed: .75
- LPN's per Bed: .26

P.O. Box 3300 400 South Clark Street Butte, Montana 59702 (406) 782-8361

ST JOHNS LUTHERAN HOSP

350 LOUISIANA AVE
LIBBY, MT 59923

Medicare Hospital Provider Number: 270035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	193	10	7 - 17	196	13	7 - 17
Cancer	2	100	6 - 90	3	67	14 - 96
Cerebrovascular Accidents	8	25	8 - 66	9	33	5 - 64
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	0 - 99
Infectious Disease	1	0	2 - 97	3	33	5 - 87
Metabolic/Electrolyte Disorders	3	33	2 - 87	3	67	11 - 92
Pulmonary Disease	15	13	12 - 51	14	29	7 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	13	31	12 - 60	4	50	5 - 82
Severe Chronic Heart Disease	11	18	5 - 55	14	21	5 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	4	0 - 66	23	0	0 - 32
Gynecologic Disease	6	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	27	0	0 - 32	25	0	0 - 44
Musculoskeletal/Skin Conditions	11	0	0 - 93	17	0	0 - 85
Neuropsychiatric/Sensory Disease	6	0	0 -100	6	0	0 -100
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH HOSP

BOX 1010 SKYLINE DRIVE
POLSON, MT 59860

Medicare Hospital Provider Number: 270008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	206	14	8 - 18	238	11	7 - 16
Cancer	8	63	11 - 71	3	100	19 - 92
Cerebrovascular Accidents	8	50	5 - 68	9	44	13 - 71
Gastrointestinal Catastrophes	1	100	3 - 99	2	50	1 - 93
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	0	2 - 73	4	25	2 - 80
Pulmonary Disease	8	0	4 - 48	14	14	8 - 49
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	12	50	20 - 72	4	75	5 - 80
Severe Chronic Heart Disease	19	16	12 - 47	14	29	6 - 54
Severe Trauma	1	100	2 - 97	0	-	-
Gastrointestinal Disease	26	0	0 - 25	32	0	0 - 20
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	22	9	0 - 90	25	4	0 - 49
Musculoskeletal/Skin Conditions	27	0	0 - 41	39	3	0 - 35
Neuropsychiatric/Sensory Disease	11	0	0 - 99	13	0	0 - 97
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	20
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST LUKE COMMUNITY HOSP

107 6TH AVE S W
RONAN, MT 59864

Medicare Hospital Provider Number: 270019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	138	12	7 - 19	128	9	6 - 18
Cancer	2	100	12 - 97	0	-	-
Cerebrovascular Accidents	2	50	2 - 92	7	43	7 - 72
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	3	0	4 - 79	3	67	3 - 86
Pulmonary Disease	16	31	14 - 59	15	7	9 - 43
Renal Failure	4	100	8 - 76	1	100	3 - 98
Severe Acute Heart Disease	1	100	3 - 98	2	50	3 - 92
Severe Chronic Heart Disease	7	14	4 - 63	10	30	5 - 61
Severe Trauma	1	0	0 - 97	0	-	-
Gastrointestinal Disease	17	0	0 - 70	13	0	0 - 59
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 62	14	0	0 - 84
Musculoskeletal/Skin Conditions	24	0	0 - 63	17	0	0 - 80
Neuropsychiatric/Sensory Disease	4	0	0 -100	7	14	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 67
Occupancy Rate (%): 78
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 7
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST PATRICK HOSP

500 WEST BROADWAY
MISSOULA, MT 59801

Medicare Hospital Provider Number: 270014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,186	9	9 - 13	1,922	10	9 - 14
Cancer	89	40	30 - 55	77	45	31 - 57
Cerebrovascular Accidents	60	12	18 - 37	54	28	16 - 41
Gastrointestinal Catastrophes	15	40	15 - 64	16	38	14 - 62
Infectious Disease	17	35	20 - 65	11	27	18 - 69
Metabolic/Electrolyte Disorders	6	0	5 - 59	17	24	6 - 51
Pulmonary Disease	75	20	17 - 38	61	20	17 - 40
Renal Failure	12	67	11 - 71	7	29	10 - 78
Severe Acute Heart Disease	107	28	26 - 45	85	31	26 - 48
Severe Chronic Heart Disease	65	29	16 - 39	61	21	15 - 37
Severe Trauma	4	25	1 - 83	6	33	3 - 75
Gastrointestinal Disease	132	5	1 - 11	107	3	1 - 10
Gynecologic Disease	24	0	0 -100	15	0	0 -100
Low-Risk Heart Disease	393	5	2 - 7	359	4	2 - 7
Musculoskeletal/Skin Conditions	238	1	1 - 5	240	3	1 - 7
Neuropsychiatric/Sensory Disease	95	1	1 - 9	61	2	0 - 15
Urologic Disease	110	1	1 - 8	89	1	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 213
Occupancy Rate (%): 59
Ownership/Control: Church

STAFFING

Total Number of Physicians: 103
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

St. Patrick
Hospital

27-0014

October 14, 1988

Ms. Sandra Kappert
Health Care Financing
Administration
Health Standards and
Quality Bureau
Meadows East Building, 2-D-2
Baltimore, MD 21207

Dear Ms. Kappert:

After reviewing the 1987 Medicare Hospital Mortality Data we have some brief comments regarding this information.

Hospital Characteristics

Much of the data in the Hospital Characteristics section is incorrect. St. Patrick Hospital is a 213 bed, not a 143 bed, not-for-profit rural referral center serving Western Montana and Northern Idaho. We have 187 physicians, not 104 physicians, on our medical staff with 78%, not 52%, of these physicians board certified specialists.

We provide many specialty services including cardiac services, dialysis services, psychiatric services, cancer treatment, and major trauma services including a helicopter ambulance. We do not provide an organ transplant service.

We appreciate the opportunity to review this data.

Sincerely,

Lawrence L White Jr

Lawrence L. White, Jr.
President

LLW/klb

ST PETERS COMM HOSP

2475 BROADWAY
HELENA, MT 59601

Medicare Hospital Provider Number: 270003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,222	10	8 - 13	1,193	9	8 - 13
Cancer	28	50	23 - 61	33	48	27 - 63
Cerebrovascular Accidents	42	29	15 - 43	34	35	14 - 46
Gastrointestinal Catastrophes	11	27	13 - 65	7	29	3 - 70
Infectious Disease	8	50	11 - 73	8	25	12 - 70
Metabolic/Electrolyte Disorders	9	11	9 - 59	10	50	4 - 65
Pulmonary Disease	64	25	16 - 40	71	21	15 - 37
Renal Failure	3	0	12 - 87	4	25	9 - 86
Severe Acute Heart Disease	37	41	21 - 53	34	38	24 - 57
Severe Chronic Heart Disease	59	15	13 - 33	36	14	11 - 36
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	130	2	1 - 9	106	0	1 - 6
Gynecologic Disease	17	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	121	3	1 - 10	118	1	1 - 7
Musculoskeletal/Skin Conditions	137	1	1 - 7	145	0	1 - 5
Neuropsychiatric/Sensory Disease	79	4	0 - 40	77	3	0 - 17
Urologic Disease	43	0	0 - 30	49	2	0 - 35

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	103
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	79
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST VINCENT HOSP/HEALTH CTR
P O BOX 35200
BILLINGS, MT 59107

Medicare Hospital Provider Number: 270049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,258	7	8 - 12	1,929	9	9 - 13
Cancer	94	32	32 - 55	104	40	30 - 54
Cerebrovascular Accidents	62	18	17 - 37	50	34	17 - 44
Gastrointestinal Catastrophes	24	25	20 - 59	16	38	23 - 70
Infectious Disease	13	15	12 - 56	13	23	10 - 58
Metabolic/Electrolyte Disorders	11	9	17 - 61	9	33	4 - 65
Pulmonary Disease	65	18	16 - 38	83	18	14 - 34
Renal Failure	3	33	7 - 89	1	0	1 - 97
Severe Acute Heart Disease	70	37	24 - 48	56	38	27 - 54
Severe Chronic Heart Disease	76	17	15 - 33	68	13	15 - 33
Severe Trauma	6	17	3 - 70	1	100	0 - 99
Gastrointestinal Disease	177	3	1 - 8	158	2	1 - 7
Gynecologic Disease	19	0	0 -100	15	7	0 -100
Low-Risk Heart Disease	222	2	1 - 6	184	3	1 - 7
Musculoskeletal/Skin Conditions	455	1	1 - 4	336	1	1 - 5
Neuropsychiatric/Sensory Disease	70	1	1 - 12	58	2	0 - 16
Urologic Disease	86	0	0 - 8	69	1	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	262
Occupancy Rate (%):	69
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	202
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	263
Licensed Practical Nurses:	68

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Saint Vincent Hospital and Health Center

October 20, 1988

William L. Roper, M.D.
Administrator
Department of Health & Human Services

Dear Doctor Roper:

Thank you for the opportunity to comment on the HCFA mortality data. Our comments sheet is enclosed.

In reviewing the case listing sheets, we found minor errors in the dates of death. They are as follows:

	PAGE#	MED. REC. #	SURNAME	INS. CLAIM #	DATE OF DEATH
1.	19	[redacted]	[redacted]	[redacted]	[redacted]
2.	30	[redacted]	[redacted]	[redacted]	[redacted]

You may want to notify the Social Security Administration of these errors.

Should you have any questions concerning this letter, please contact Irene McCall at (406) 657-7714.

Sincerely,

Sister Lynn Casey

Sister Lynn Casey,
Acting President

Post Office Box 35200
Billings, Montana 59107-5200
406-657-7000

We touch your life.

Saint Vincent Hospital and Health Center

Saint Vincent Hospital and Health Center would like to include the following five (5) points of technical comment to the HCFA Mortality Data.

1. This data is mortality related to Medicare patients only at Saint Vincent Hospital and Health Center for the years 1986 and 1987, and differs from other indicators of inpatient mortality. The HCFA data is calculated using only deaths which occurred within 30 days of the last admission of a Medicare Beneficiary for the years 1986 and 1987.

2. The HCFA Data makes the assumption all hospitals have the same "average" patients with exception of age, sex, and principal diagnosis. Other complicating illnesses, the number of preceding admissions during the year, and whether or not the patient was referred or transferred from another facility is not addressed. Therefore, severity of illness of each patient is not truly acknowledged. To further explain this point, the average age of patients who died at Saint Vincent Hospital and Health Center in the low risk category was 80 years of age. The majority of these cases had secondary diagnoses of high risk or chronic disease. We acknowledge that HCFA is conducting several studies to test the validity of the Mortality Data as an indicator of quality and to evaluate the consequence of using a statistical model which lacks specific clinical data or the severity of illness of individual patients.

3. Saint Vincent Hospital and Health Center believes in quality patient care for all patients. Thirty to forty percent (30-40%) of Saint Vincent Hospital and Health Center's total patient volume for years 1986 and 1987 is Medicare beneficiaries. An item not displayed in the HCFA Data was the total Medicare discharges for the years 1986 and 1987. This volume at Saint Vincent Hospital and Health Center was in excess of 3000 discharges for each year.

4. As a Regional Referral Center for Montana and northern Wyoming, Saint Vincent Hospital and Health Center treats patients who may be more acutely ill than the "average patient" addressed by HCFA. This is especially true in the areas of oncology, cardiology, orthopedics, trauma, and the multiple specialties of surgery.

5. We are unable to verify or comment on the accuracy of the hospital characteristics which HCFA will publish from the American Hosptial Association because we do not have access to it at this time.

In summary, we at Saint Vincent Hospital and Health Center are confident of our provision of quality health care in the past and we will take any and all action to ensure the same high quality in the future.

We touch your life.

STILLWATER COMMUNITY HOSP

44 W FOURTH P O BOX 959
COLUMBUS, MT 59019

Medicare Hospital Provider Number: 270007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	125	5	7 - 16	163	7	7 - 16
Cancer	4	50	3 - 82	3	0	21 - 95
Cerebrovascular Accidents	8	0	8 - 49	3	33	4 - 86
Gastrointestinal Catastrophes	0	-	-	2	50	6 - 94
Infectious Disease	1	0	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	13	0	10 - 39	11	18	5 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	0	4 - 88	3	0	13 - 85
Severe Chronic Heart Disease	7	14	9 - 65	13	8	10 - 47
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	13	0	0 - 99	17	0	0 - 35
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	9	0	0 - 97	20	5	0 - 75
Musculoskeletal/Skin Conditions	12	0	0 - 92	16	6	0 -100
Neuropsychiatric/Sensory Disease	7	0	0 - 96	9	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	41
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SWEET GRASS COMMUNITY HOSP

WEST FIFTH ST
BIG TIMBER, MT 59011

Medicare Hospital Provider Number: 270030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	39	26	9 - 37	44	11	6 - 27
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	2	0	2 - 88	1	100	1 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	2 - 98
Metabolic/Electrolyte Disorders	3	33	1 - 90	2	0	0 -100
Pulmonary Disease	2	50	2 - 92	5	20	3 - 74
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	100	6 - 90	1	0	1 - 97
Severe Chronic Heart Disease	2	50	1 - 93	3	33	2 - 86
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	2	0	4 - 88	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	25	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	5	20	0 -100
Neuropsychiatric/Sensory Disease	2	0	1 - 89	2	0	0 -100
Urologic Disease	0	-	-	2	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	17
Occupancy Rate (%):	24
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TETON MEDICAL CTR

915 4TH STREET NW
CHOTEAU, MT 59422

Medicare Hospital Provider Number: 270031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	96	5	5 - 15	112	10	7 - 19
Cancer	1	0	1 - 97	2	100	4 - 89
Cerebrovascular Accidents	3	0	3 - 79	4	25	4 - 79
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	1	100	1 - 97	1	0	0 - 98
Metabolic/Electrolyte Disorders	3	0	2 - 80	0	-	-
Pulmonary Disease	5	0	1 - 69	12	0	8 - 39
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	2 - 97	3	67	6 - 87
Severe Chronic Heart Disease	3	33	6 - 87	6	33	4 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 70	13	0	0 - 95
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 - 99	6	0	0 - 97
Musculoskeletal/Skin Conditions	13	0	0 - 82	10	0	0 - 95
Neuropsychiatric/Sensory Disease	6	0	0 - 98	6	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	(not available)
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

TOOLE COUNTY HOSP

640 PARK DR BOX P
SHELBY, MT 59474

Medicare Hospital Provider Number: 270026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	107	8	9 - 20	162	9	8 - 18
Cancer	4	25	17 - 90	6	17	24 - 85
Cerebrovascular Accidents	4	0	7 - 71	3	0	7 - 80
Gastrointestinal Catastrophes	1	0	0 - 99	2	50	3 - 92
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	17	18	12 - 51	22	23	12 - 49
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 97	4	25	8 - 81
Severe Chronic Heart Disease	4	0	4 - 70	8	13	5 - 59
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	8	0	0 - 98	12	0	0 - 97
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	12	0	0 - 73	20	5	0 - 81
Musculoskeletal/Skin Conditions	5	0	0 -100	16	0	0 - 78
Neuropsychiatric/Sensory Disease	4	0	0 - 97	7	0	0 - 87
Urologic Disease	2	50	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	63
Occupancy Rate (%):	83
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TRINITY HOSP

315 K ST
WOLF POINT, MT 59201

Medicare Hospital Provider Number: 270024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	130	8	8 - 18	129	12	7 - 19
Cancer	4	75	20 - 96	1	100	1 - 97
Cerebrovascular Accidents	2	0	3 - 88	1	0	0 - 99
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	0 - 99
Infectious Disease	1	0	3 - 99	2	0	5 - 89
Metabolic/Electrolyte Disorders	1	0	0 - 99	3	0	0 - 97
Pulmonary Disease	10	20	11 - 62	14	29	11 - 58
Renal Failure	0	-	-	1	0	3 - 99
Severe Acute Heart Disease	3	67	10 - 91	4	50	11 - 87
Severe Chronic Heart Disease	9	22	7 - 62	7	14	5 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 63	8	13	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	14	0	0 - 85	18	6	0 - 69
Musculoskeletal/Skin Conditions	17	0	0 - 95	13	0	0 - 97
Neuropsychiatric/Sensory Disease	3	0	0 -100	6	0	0 -100
Urologic Disease	9	0	0 - 85	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	42
Occupancy Rate (%):	24
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Trinity
HOSPITAL

(406) 653-2100
315 Knapp Street, Wolf Point, Montana 59201

Provider # 270024

October 20, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

ATTENTION: Mrs. Sandra Kappert

COMMENTS:

From the Medicare Hospital Mortality Information under Hospital Characteristics, the bed size of the facility is listed as 26; the hospital is licensed for 42 beds.

Our finding on review of charts indicated that on the 2 cases listed under the Pulmonary Disease category, the actual cause of death was due to heart failure and cerebrovascular accident. The discrepancy is caused by HCFA using the principal diagnosis codes retrieved from billing data rather than actual cause of death. By not using the actual cause of death, the actual mortality rate and the range for predicted mortality rates shown by HCFA are misleading.

Sincerely,

Jerry Jurena, Administrator

JJ:lh

WHEATLAND MEMORIAL HOSPITAL

530 THIRD STREET N W
HARLOWTON, MT 59036

Medicare Hospital Provider Number: 270033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	70	6	5 - 18	62	10	6 - 23
Cancer	1	100	3 - 99	0	-	-
Cerebrovascular Accidents	0	-	-	6	17	6 - 69
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	2 - 97
Metabolic/Electrolyte Disorders	1	0	3 - 98	0	-	-
Pulmonary Disease	7	0	6 - 53	5	20	1 - 77
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	4	50	8 - 84
Severe Chronic Heart Disease	6	0	4 - 57	1	100	0 - 98
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	12	0	0 - 99	9	11	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	3	0	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	57
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ASHLEY MEDICAL CENTER

612 CENTER AVE NORTH
ASHLEY, ND 58413

Medicare Hospital Provider Number: 350049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	101	9	7 - 19	120	8	9 - 20
Cancer	5	40	12 - 83	2	0	4 - 89
Cerebrovascular Accidents	3	0	3 - 79	5	0	5 - 63
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	100	9 - 93
Metabolic/Electrolyte Disorders	2	50	1 - 93	4	25	3 - 80
Pulmonary Disease	6	0	11 - 61	9	22	12 - 66
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	2	100	4 - 88	7	57	16 - 79
Severe Chronic Heart Disease	5	0	8 - 64	3	33	2 - 87
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	7	0 -100	21	0	1 - 25
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	9	0	0 - 96	12	0	0 - 60
Musculoskeletal/Skin Conditions	10	0	0 - 99	6	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	9	0	0 - 99	11	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	56
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CARRINGTON HEALTH CTR

800 N FOURTH ST
CARRINGTON , ND 58421

Medicare Hospital Provider Number: 350008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	249	9	8 - 16	235	7	8 - 16
Cancer	4	75	14 - 87	1	0	0 - 98
Cerebrovascular Accidents	8	63	5 - 67	10	20	8 - 59
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	1 - 92	3	33	4 - 86
Pulmonary Disease	22	9	18 - 46	24	8	17 - 44
Renal Failure	1	0	1 - 97	1	100	2 - 97
Severe Acute Heart Disease	11	64	17 - 69	10	60	19 - 74
Severe Chronic Heart Disease	15	13	10 - 49	12	8	9 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	0	0 - 51	21	5	0 - 69
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	35	0	0 - 17	35	0	1 - 16
Musculoskeletal/Skin Conditions	39	0	0 - 18	32	0	1 - 16
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	0	0 - 96
Urologic Disease	5	0	0 - 99	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	66
Occupancy Rate (%):	77
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CAVALIER COUNTY MEM HOSP

909 SECOND ST
LANGDON, ND 58249

Medicare Hospital Provider Number: 350056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	168	13	10 - 21	191	10	9 - 19
Cancer	6	83	22 - 83	1	100	3 - 99
Cerebrovascular Accidents	12	17	11 - 55	7	14	6 - 64
Gastrointestinal Catastrophes	1	0	3 - 98	0	-	-
Infectious Disease	2	0	1 - 91	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	26	12	13 - 41	30	20	13 - 44
Renal Failure	0	-	-	3	33	8 - 90
Severe Acute Heart Disease	6	50	9 - 76	4	75	11 - 84
Severe Chronic Heart Disease	10	30	4 - 61	12	33	8 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 68	20	0	0 - 43
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	26	0	1 - 20	17	0	1 - 31
Musculoskeletal/Skin Conditions	9	0	0 - 99	21	0	1 - 23
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	0	0 -100
Urologic Disease	3	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CITY HOSPITAL

214 SECOND AVENUE SOUTH
NEW ROCKFORD, ND 58356

Medicare Hospital Provider Number: 350031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	105	16	11 - 26	144	17	8 - 21
Cancer	1	0	1 - 97	4	100	22 - 85
Cerebrovascular Accidents	5	40	3 - 77	7	57	9 - 73
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	3	0	7 - 81	1	0	0 -100
Metabolic/Electrolyte Disorders	7	14	4 - 64	6	0	2 - 61
Pulmonary Disease	22	18	11 - 46	12	33	7 - 59
Renal Failure	0	-	-	3	33	10 - 92
Severe Acute Heart Disease	14	50	18 - 67	3	67	7 - 88
Severe Chronic Heart Disease	2	0	0 - 97	3	33	2 - 87
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 91	9	11	0 - 99
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	12	0	0 - 72
Musculoskeletal/Skin Conditions	10	0	0 -100	14	0	0 - 78
Neuropsychiatric/Sensory Disease	5	20	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 26
Occupancy Rate (%): 27
Ownership/Control: Church

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 7
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Sister of the Presentation of the Blessed Virgin Mary

City Hospital
New Rockford, N. Dak.
58356

September 28, 1988

Department of Health & Human Services
Health Care Financing Administration
6325 Security Blvd.
Baltimore, Maryland 21207

ATTENTION: Sandra Kappert

Dear Ms. Kappert:

Enclosed is the data for the Medicare Mortality Predictor study which is being done.

I reviewed a percentage of the cases and found all to be correct.

Sincerely,

Lisa Georgeson, ART

Lisa Georgeson, ART
Director of Medical Records

enclosures

"If I can be of service in any part of the world, I will gladly do all in my power."
(Nano Nagle - Presentation Foundress)

COMMUNITY HOSP IN NELSON CO

MAIN ST PO BOX H
MCVILLE, ND 58254

Medicare Hospital Provider Number: 350055

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	141	16	8 - 21	146	15	10 - 23
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	3	67	5 - 86	3	33	6 - 87
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	0 - 98
Infectious Disease	0	-	-	1	100	3 - 98
Metabolic/Electrolyte Disorders	6	50	6 - 75	7	43	6 - 72
Pulmonary Disease	18	17	14 - 51	19	37	17 - 60
Renal Failure	0	-	-	1	0	2 - 97
Severe Acute Heart Disease	5	60	8 - 79	4	25	14 - 87
Severe Chronic Heart Disease	9	33	9 - 66	15	33	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 95	5	0	0 - 87
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	32	6	0 - 52	30	0	1 - 18
Musculoskeletal/Skin Conditions	14	0	0 - 92	10	20	0 - 98
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	19
Occupancy Rate (%):	63
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

905 MAIN ST
LISBON, ND 58054

Medicare Hospital Provider Number: 350041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	231	13	10 - 19	272	12	9 - 17
Cancer	6	50	13 - 80	2	50	2 - 92
Cerebrovascular Accidents	6	33	7 - 74	3	0	6 - 79
Gastrointestinal Catastrophes	1	0	3 - 98	0	-	-
Infectious Disease	2	0	0 - 93	0	-	-
Metabolic/Electrolyte Disorders	9	22	5 - 62	4	0	0 - 81
Pulmonary Disease	22	32	12 - 51	29	24	13 - 46
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	14	36	24 - 71	12	42	22 - 74
Severe Chronic Heart Disease	17	29	9 - 52	19	32	9 - 51
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	1 - 28	27	4	0 - 33
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	31	3	0 - 34	38	0	1 - 13
Musculoskeletal/Skin Conditions	28	0	0 - 38	25	0	0 - 39
Neuropsychiatric/Sensory Disease	3	0	0 -100	6	0	0 -100
Urologic Disease	8	0	0 - 83	10	10	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	84
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

ROUTE 2 BOX 124
HETTINGER, ND 58639

Medicare Hospital Provider Number: 350061

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	503	10	10 - 16	484	13	10 - 17
Cancer	9	44	21 - 79	11	55	16 - 70
Cerebrovascular Accidents	14	57	9 - 59	17	18	13 - 52
Gastrointestinal Catastrophes	3	33	3 - 86	1	0	0 -100
Infectious Disease	9	56	16 - 75	9	44	11 - 70
Metabolic/Electrolyte Disorders	12	8	7 - 50	20	10	6 - 42
Pulmonary Disease	36	17	21 - 48	41	15	17 - 42
Renal Failure	2	50	8 - 98	2	100	11 - 98
Severe Acute Heart Disease	21	52	20 - 62	21	52	22 - 63
Severe Chronic Heart Disease	17	12	11 - 45	18	44	7 - 52
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	47	2	0 - 18	39	3	2 - 18
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	65	0	2 - 8	67	3	1 - 13
Musculoskeletal/Skin Conditions	31	3	0 - 31	50	0	0 - 12
Neuropsychiatric/Sensory Disease	20	0	0 - 79	12	8	0 - 96
Urologic Disease	23	4	0 -100	17	0	0 - 92

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	52
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	14
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	27
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DAKOTA HOSPITAL

1720 SO UNIVERSITY DR
FARGO, ND 58108

Medicare Hospital Provider Number: 350004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,670	7	8 - 12	1,648	8	8 - 13
Cancer	56	38	26 - 54	68	37	33 - 59
Cerebrovascular Accidents	37	16	13 - 38	52	15	16 - 38
Gastrointestinal Catastrophes	10	30	11 - 66	9	11	14 - 64
Infectious Disease	15	27	12 - 58	12	25	13 - 63
Metabolic/Electrolyte Disorders	9	22	2 - 64	6	17	2 - 72
Pulmonary Disease	46	22	13 - 40	36	28	17 - 47
Renal Failure	19	21	16 - 68	13	46	12 - 72
Severe Acute Heart Disease	65	28	25 - 48	49	45	25 - 54
Severe Chronic Heart Disease	43	21	14 - 40	40	27	12 - 41
Severe Trauma	5	20	4 - 75	2	50	2 - 92
Gastrointestinal Disease	105	4	1 - 11	80	4	1 - 13
Gynecologic Disease	28	0	0 - 96	16	0	0 -100
Low-Risk Heart Disease	200	3	2 - 7	209	3	2 - 8
Musculoskeletal/Skin Conditions	365	1	1 - 4	361	2	1 - 5
Neuropsychiatric/Sensory Disease	43	0	0 - 17	53	4	0 - 24
Urologic Disease	74	0	0 - 14	63	0	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	206
Occupancy Rate (%):	75
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	95
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	296
Licensed Practical Nurses:	50

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DICKEY COUNTY MEM HOSP

241 MAIN BOX 220
ELLENDALE, ND 58436

Medicare Hospital Provider Number: 350065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	156	10	11 - 21	135	20	12 - 26
Cancer	0	-	-	2	100	10 - 94
Cerebrovascular Accidents	8	0	10 - 51	6	33	4 - 73
Gastrointestinal Catastrophes	0	-	-	1	0	2 - 98
Infectious Disease	3	33	3 - 86	3	0	8 - 81
Metabolic/Electrolyte Disorders	1	0	0 - 98	1	100	0 - 99
Pulmonary Disease	27	11	16 - 44	19	53	17 - 61
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	8	50	13 - 74	8	63	15 - 75
Severe Chronic Heart Disease	7	43	8 - 72	7	14	11 - 67
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	4	0	0 - 93	6	0	0 - 85
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	27	0	0 - 23	24	0	0 - 31
Musculoskeletal/Skin Conditions	12	0	0 - 75	8	0	0 - 99
Neuropsychiatric/Sensory Disease	5	0	0 -100	3	0	0 -100
Urologic Disease	3	0	0 - 99	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	21
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GARRISON MEM HOSP

407 3RD AVE S E
GARRISON, ND 58540

Medicare Hospital Provider Number: 350001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	97	22	12 - 29	94	9	11 - 23
Cancer	2	100	8 - 91	0	-	-
Cerebrovascular Accidents	3	67	2 - 86	3	0	3 - 79
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	2 - 97
Infectious Disease	2	0	3 - 88	1	100	3 - 98
Metabolic/Electrolyte Disorders	4	0	2 - 73	3	0	4 - 79
Pulmonary Disease	19	26	18 - 58	10	10	12 - 57
Renal Failure	1	100	2 - 98	0	-	-
Severe Acute Heart Disease	1	0	2 - 97	0	-	-
Severe Chronic Heart Disease	11	27	6 - 59	13	23	10 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	10	0	1 - 51
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 -100	16	0	0 - 51
Musculoskeletal/Skin Conditions	9	11	0 - 70	4	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	4	25	0 - 90	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 56
Occupancy Rate (%): 61
Ownership/Control: Church

STAFFING

Total Number of Physicians: 1
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 6
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

GARRISON MEMORIAL HOSPITAL
TELEPHONE (701) 463-2275 • GARRISON, NORTH DAKOTA 58540

October 18, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The data used by HCFA indicated that a total of 97 Medicare patients whose last admission during 1987 was to the Garrison Memorial Hospital. Of that 97, 21 Medicare patients expired within 30 days of admission. Of these, 14 expired in acute care, 5 in swing bed and 2 in other facilities. Our records indicated that 175 Medicare patients were admitted in 1987.

In three diagnostic categories, the hospital's actual mortality rate falls outside of the predicted mortality rate. In two categories, there was only one patient with one patient expired. We question whether one case is statistically significant. In the diagnostic category of cancer we had two cases with two deaths. All four of the deaths in the 100 percentile were "No Code" orders specified by family and physician.

No diagnostic category could be identified in which an unusually large percentage of deaths occurred after discharge. One patient expired at another acute care facility and one patient expired in a skilled nursing facility. All the patients included in the case listing were hospitalized at Garrison Memorial Hospital.

The Garrison Memorial Hospital has swing beds, an attached intermediate care facility, and there is also a free standing nursing home in Garrison. 40% of the patient population is over 65. The elderly population tend to have multiple medical conditions and risk factors.

Of the 21 Medicare patients who expired, fifteen were "No Code" orders per physician order and family request. Our initial chart review indicated that no patterns or underlying causes were found.

Sincerely,

Sister Madonna Wagendorf

Sister Madonna Wagendorf
Administrator

SMW/hh

GOLDEN VALLEY CO HOSP

300 S W 6TH ST
BEACH, ND 58621

Medicare Hospital Provider Number: 350067

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	53	4	5 - 18	24	0	3 - 20
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	12	8	4 - 47	4	0	4 - 70
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 97	0	-	-
Severe Chronic Heart Disease	5	0	2 - 65	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	11	0	0 - 78	7	0	0 - 90
Musculoskeletal/Skin Conditions	6	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	2	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	27
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GOOD SAMARITAN HOSP
RUGBY HEIGHTS
RUGBY, ND 58368

Medicare Hospital Provider Number: 350010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	365	15	12 - 20	324	18	13 - 22
Cancer	12	33	20 - 71	10	60	17 - 72
Cerebrovascular Accidents	16	25	11 - 54	15	27	13 - 57
Gastrointestinal Catastrophes	4	25	7 - 81	5	80	5 - 74
Infectious Disease	6	50	13 - 80	3	33	6 - 87
Metabolic/Electrolyte Disorders	12	25	9 - 60	13	15	5 - 52
Pulmonary Disease	33	21	17 - 47	27	26	14 - 48
Renal Failure	3	33	10 - 92	2	100	7 - 92
Severe Acute Heart Disease	22	41	19 - 59	31	26	27 - 59
Severe Chronic Heart Disease	27	26	12 - 46	26	35	14 - 51
Severe Trauma	2	0	2 - 89	0	-	-
Gastrointestinal Disease	31	3	0 - 44	27	0	0 - 25
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	42	7	0 - 30	37	5	1 - 26
Musculoskeletal/Skin Conditions	32	0	0 - 20	19	5	0 - 98
Neuropsychiatric/Sensory Disease	9	22	0 -100	7	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	233
Occupancy Rate (%):	90
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	0
Registered Nurses:	26
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GRIGGS COUNTY HOSPITAL

1200 ROBERTS AVE
COOPERSTOWN, ND 58425

Medicare Hospital Provider Number: 350053

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	103	14	9 - 23	116	8	8 - 19
Cancer	2	50	1 - 93	3	67	7 - 88
Cerebrovascular Accidents	2	0	2 - 89	4	0	6 - 70
Gastrointestinal Catastrophes	0	-	-	2	100	1 - 90
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	4	0	5 - 71
Pulmonary Disease	14	14	12 - 53	17	6	15 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	10	60	20 - 75	5	0	12 - 67
Severe Chronic Heart Disease	6	0	6 - 57	4	25	1 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	13	0	0 - 79	15	0	0 - 77
Musculoskeletal/Skin Conditions	15	7	0 - 69	13	0	0 - 82
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	7	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	74
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HEARTVIEW FOUNDATION

1406 2ND ST N W
MANDAN, ND 58554

Medicare Hospital Provider Number: 350066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	22	0	0 -100	27	0	0 - 82
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	0	-	-
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	0	-	-	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	0	-	-
Musculoskeletal/Skin Conditions	0	-	-	0	-	-
Neuropsychiatric/Sensory Disease	22	0	0 -100	27	0	0 - 82
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	91
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HILLSBORO COMMUNITY HOSP

12 3RD ST SE
HILLSBORO, ND 58045

Medicare Hospital Provider Number: 350027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	55	24	8 - 31	53	19	11 - 33
Cancer	2	100	8 - 92	0	-	-
Cerebrovascular Accidents	6	33	3 - 73	2	0	1 - 89
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	100	1 - 97
Metabolic/Electrolyte Disorders	1	0	0 - 99	7	0	5 - 54
Pulmonary Disease	4	0	5 - 70	9	22	10 - 64
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	33	14 - 80	6	50	12 - 79
Severe Chronic Heart Disease	4	100	3 - 71	6	33	4 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	100	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	12	8	0 - 78	5	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	25
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JACOBSON MEMORIAL HOSP

601 EAST ST NORTH
ELGIN, ND 58533

Medicare Hospital Provider Number: 350044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	147	8	8 - 18	137	8	6 - 17
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	4	50	3 - 82	2	50	1 - 92
Gastrointestinal Catastrophes	1	100	1 - 97	1	100	2 - 97
Infectious Disease	0	-	-	1	0	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 98
Pulmonary Disease	13	38	10 - 61	12	25	12 - 61
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	5	60	11 - 82	3	67	10 - 91
Severe Chronic Heart Disease	10	10	11 - 56	1	100	2 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	1 - 42	17	0	0 - 48
Gynecologic Disease	3	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	17	0	0 - 35	24	0	0 - 25
Musculoskeletal/Skin Conditions	18	0	0 - 53	11	0	0 - 99
Neuropsychiatric/Sensory Disease	6	0	0 -100	0	-	-
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

JAMESTOWN HOSPITAL

419 5TH STREET N E
JAMESTOWN, ND 58401

Medicare Hospital Provider Number: 350009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	555	13	10 - 16	557	13	10 - 16
Cancer	14	50	22 - 71	12	33	24 - 75
Cerebrovascular Accidents	22	14	11 - 43	26	23	15 - 48
Gastrointestinal Catastrophes	4	75	14 - 88	3	0	7 - 81
Infectious Disease	10	20	14 - 65	10	10	9 - 56
Metabolic/Electrolyte Disorders	9	0	6 - 48	14	14	7 - 51
Pulmonary Disease	43	30	14 - 43	35	29	11 - 43
Renal Failure	4	50	9 - 87	3	67	13 - 97
Severe Acute Heart Disease	34	53	23 - 57	31	29	22 - 55
Severe Chronic Heart Disease	28	29	8 - 43	28	25	11 - 44
Severe Trauma	0	-	-	1	100	2 - 97
Gastrointestinal Disease	49	0	1 - 11	54	6	0 - 29
Gynecologic Disease	4	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	44	2	0 - 20	51	4	0 - 20
Musculoskeletal/Skin Conditions	41	0	0 - 23	44	2	0 - 38
Neuropsychiatric/Sensory Disease	25	0	0 - 59	15	7	0 - 90
Urologic Disease	24	4	0 - 94	23	4	0 - 89

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 57
Occupancy Rate (%): 44
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 23
Percent of Physicians Who Are Board Certified Specialists: 78
Interns and Residents: 0
Registered Nurses: 36
Licensed Practical Nurses: 25

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

KENMARE COMMUNITY HOSPITAL

317 FIRST AVE N W
KENMARE, ND 58746

Medicare Hospital Provider Number: 350035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	122	8	6 - 17	105	10	11 - 23
Cancer	1	100	3 - 98	3	67	14 - 96
Cerebrovascular Accidents	3	33	3 - 86	3	0	1 - 81
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 97
Metabolic/Electrolyte Disorders	0	-	-	3	33	7 - 88
Pulmonary Disease	8	13	6 - 59	8	13	10 - 62
Renal Failure	0	-	-	1	0	2 - 98
Severe Acute Heart Disease	4	25	7 - 81	6	33	12 - 77
Severe Chronic Heart Disease	9	22	5 - 61	6	0	7 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 46	3	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	28	0	1 - 20	14	0	0 - 53
Musculoskeletal/Skin Conditions	11	0	0 - 93	9	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	4	0	0 -100
Urologic Disease	2	0	0 -100	5	20	0 - 85

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 24
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 3
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LINTON HOSPITAL

518 N BROADWAY
LINTON, ND 58552

Medicare Hospital Provider Number: 350058

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	136	11	8 - 19	123	17	9 - 23
Cancer	2	50	2 - 92	2	50	3 - 92
Cerebrovascular Accidents	4	75	7 - 81	7	43	8 - 72
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	0	1 - 91
Metabolic/Electrolyte Disorders	3	33	3 - 86	0	-	-
Pulmonary Disease	16	19	16 - 56	15	20	8 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	83	22 - 82	3	0	5 - 79
Severe Chronic Heart Disease	11	0	7 - 39	21	38	12 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 80	8	13	0 - 85
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	19	5	0 - 76	21	14	0 - 62
Musculoskeletal/Skin Conditions	8	0	0 -100	10	10	0 - 95
Neuropsychiatric/Sensory Disease	8	0	0 -100	3	0	0 -100
Urologic Disease	8	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 25
Occupancy Rate (%): 20
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 3
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 10
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

MANDAN HOSPITAL

1000 18TH STREET NORTHWEST
MANDAN, ND 58554

Medicare Hospital Provider Number: 350016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	190	13	9 - 19	221	11	9 - 18
Cancer	7	71	24 - 85	6	33	13 - 79
Cerebrovascular Accidents	12	33	13 - 63	11	18	11 - 58
Gastrointestinal Catastrophes	0	-	-	2	0	2 - 88
Infectious Disease	2	50	1 - 92	3	0	6 - 80
Metabolic/Electrolyte Disorders	11	9	3 - 52	3	33	1 - 89
Pulmonary Disease	3	67	6 - 87	12	17	5 - 52
Renal Failure	1	100	2 -100	1	0	2 - 97
Severe Acute Heart Disease	6	67	11 - 76	12	67	20 - 71
Severe Chronic Heart Disease	14	7	12 - 46	8	25	4 - 65
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	28	0	0 - 37	30	3	1 - 26
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 47	24	0	0 - 33
Musculoskeletal/Skin Conditions	10	0	0 - 74	15	0	0 - 96
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	16	0	0 -100	19	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	23
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	44
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MCKENZIE CO MEMORIAL HOSP

508 NORTH MAIN
WATFORD CITY, ND 58854

Medicare Hospital Provider Number: 350025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	95	16	11 - 26	86	10	8 - 23
Cancer	2	50	5 - 94	0	-	-
Cerebrovascular Accidents	4	50	4 - 82	4	0	7 - 71
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	0	0 - 95
Metabolic/Electrolyte Disorders	2	0	0 - 97	0	-	-
Pulmonary Disease	23	22	15 - 50	13	23	9 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	14	14 - 69	6	67	14 - 80
Severe Chronic Heart Disease	8	13	5 - 59	5	20	4 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	5	0	0 - 89
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	50	0 -100	9	0	0 - 66
Musculoskeletal/Skin Conditions	3	0	0 - 99	5	0	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 -100	4	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEDCENTER ONE

300 N 7TH ST
BISMARCK, ND 58501

Medicare Hospital Provider Number: 350015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,986	8	7 - 12	1,918	8	9 - 13
Cancer	47	32	24 - 54	62	42	33 - 61
Cerebrovascular Accidents	64	22	18 - 39	78	23	16 - 36
Gastrointestinal Catastrophes	6	67	9 - 76	10	40	10 - 68
Infectious Disease	5	60	15 - 86	7	29	11 - 73
Metabolic/Electrolyte Disorders	22	14	9 - 45	18	0	9 - 36
Pulmonary Disease	62	26	19 - 43	59	12	18 - 38
Renal Failure	5	80	8 - 80	4	25	14 - 91
Severe Acute Heart Disease	44	39	24 - 54	81	38	30 - 53
Severe Chronic Heart Disease	92	28	16 - 36	79	25	15 - 36
Severe Trauma	4	25	5 - 80	1	0	0 - 98
Gastrointestinal Disease	126	5	1 - 11	144	1	2 - 6
Gynecologic Disease	37	0	0 - 50	27	0	0 -100
Low-Risk Heart Disease	360	4	2 - 7	288	3	2 - 7
Musculoskeletal/Skin Conditions	228	0	1 - 5	231	1	1 - 5
Neuropsychiatric/Sensory Disease	89	1	0 - 10	109	2	0 - 15
Urologic Disease	117	0	0 - 6	98	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	268
Occupancy Rate (%):	53
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	113
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	230
Licensed Practical Nurses:	40

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

medcenter one ®

Medicare Provider #
35-0015

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sharon Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert,

This is the second year the Mortality Statistics have been published, with the first year's statistics being based on 1986 data. The statistics for 1987 are based on a similar methodology with a few changes being made to the diagnostic categories. In order to make the 1986 data comparable to the new 1987 data, it was redone using the '87 methodology. Keep in mind the data used is the same. It was simply "manipulated" in a different manner. In doing so, there is a recognizable effect. Out of the 16 categories, 10 of the mortality rates went up, four (4) went down and two (2) stayed the same.

What does this mean? It shows that the information can be very deceiving and deceptive and very difficult to interpret. Does it mean that a hospital is a "better" hospital under one "methodology" than another? Where does the individual patient come into play and his/her condition and desires.

An example of the confusion created lies in the diagnostic category of cancer. Initially, in the 1986 statistics, there were 158 cases noted. In the revised 1986 statistics there were only 62 cases. What happened to the other 96 cases?

Another example of how the mortality rate can be misleading and deceptive comes in the Infectious Disease category of the 1987 data. The number of cases is very small and, therefore, the corresponding mortality rate is very sensitive to even one death. Five cases were involved with three (3) deaths occuring. Of the three (3) deaths, two (2) of them were 91 year old patients who came into the hospital with infections and died the same day.

Medcenter One, Inc.
300 North Seventh Street
Bismarck, North Dakota 58501
Telephone 701/224-6000

In summary, the information being published is difficult to interpret without going into a detailed analysis of all the variables involved in each case. We are called upon to draw our own conclusions from the reported information. This is without the benefit, in this case, of any other variables except the fact that the patient died.

Sincerely,

Nicholas R. Brandner

Nicholas R. Brandner
Executive Vice President

jrm

MERCY HOSPITAL

570 CHAUTAUQUA BLVD
VALLEY CITY , ND 58072

Medicare Hospital Provider Number: 350013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	398	18	12 - 20	461	16	11 - 19
Cancer	19	74	32 - 72	13	62	27 - 77
Cerebrovascular Accidents	27	44	11 - 48	20	55	12 - 55
Gastrointestinal Catastrophes	2	100	4 - 89	4	50	7 - 83
Infectious Disease	5	60	10 - 81	0	-	-
Metabolic/Electrolyte Disorders	14	21	3 - 54	14	43	5 - 58
Pulmonary Disease	24	13	10 - 41	50	14	17 - 40
Renal Failure	3	33	11 - 94	4	100	14 - 82
Severe Acute Heart Disease	23	35	22 - 61	27	52	25 - 62
Severe Chronic Heart Disease	28	18	14 - 44	23	13	13 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	9	0 - 51	36	3	1 - 21
Gynecologic Disease	1	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	45	4	0 - 31	52	6	1 - 22
Musculoskeletal/Skin Conditions	44	9	0 - 42	46	7	0 - 27
Neuropsychiatric/Sensory Disease	13	8	0 - 88	14	0	0 - 44
Urologic Disease	8	0	0 -100	16	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	67
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	56
Interns and Residents:	0
Registered Nurses:	24
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL

1301 15TH AVENUE WEST
WILLISTON, ND 58801

Medicare Hospital Provider Number: 350017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	738	9	9 - 14	714	9	8 - 14
Cancer	24	38	25 - 64	20	60	27 - 69
Cerebrovascular Accidents	22	27	12 - 49	22	18	13 - 47
Gastrointestinal Catastrophes	8	0	17 - 59	7	57	20 - 84
Infectious Disease	3	67	4 - 86	3	67	5 - 87
Metabolic/Electrolyte Disorders	14	14	8 - 51	8	13	9 - 62
Pulmonary Disease	51	8	12 - 31	47	17	14 - 38
Renal Failure	2	100	9 - 94	1	0	2 - 97
Severe Acute Heart Disease	22	36	22 - 61	17	35	20 - 63
Severe Chronic Heart Disease	37	30	14 - 44	18	33	11 - 54
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	99	4	0 - 14	91	0	1 - 7
Gynecologic Disease	10	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	44	5	0 - 25	65	3	1 - 15
Musculoskeletal/Skin Conditions	65	0	0 - 9	62	0	0 - 10
Neuropsychiatric/Sensory Disease	32	0	0 - 22	45	4	0 - 39
Urologic Disease	60	0	0 - 15	52	0	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	94
Occupancy Rate (%):	64
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	77
Licensed Practical Nurses:	31

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MERCY HOSPITAL

EAST SEVENTH STREET
DEVILS LAKE, ND 58301

Medicare Hospital Provider Number: 350030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	531	13	11 - 18	592	9	12 - 18
Cancer	18	83	38 - 75	20	65	36 - 78
Cerebrovascular Accidents	32	41	13 - 48	23	9	16 - 44
Gastrointestinal Catastrophes	8	13	14 - 67	6	17	17 - 78
Infectious Disease	7	0	12 - 58	10	10	16 - 62
Metabolic/Electrolyte Disorders	15	20	6 - 52	12	25	16 - 66
Pulmonary Disease	38	11	13 - 36	38	8	15 - 37
Renal Failure	1	100	3 - 99	2	0	9 - 94
Severe Acute Heart Disease	32	28	23 - 55	37	19	29 - 56
Severe Chronic Heart Disease	37	19	12 - 39	36	14	15 - 40
Severe Trauma	2	0	3 - 88	0	-	-
Gastrointestinal Disease	47	2	1 - 17	54	0	2 - 10
Gynecologic Disease	6	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	45	9	0 - 34	52	8	1 - 23
Musculoskeletal/Skin Conditions	48	4	0 - 24	45	0	1 - 11
Neuropsychiatric/Sensory Disease	27	4	0 - 33	25	8	0 - 91
Urologic Disease	11	0	0 -100	10	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	96
Occupancy Rate (%):	34
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	17
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	37
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTHWOOD DEACONESS HOSP

4 N PARK STEET
NORTHWOOD, ND 58267

Medicare Hospital Provider Number: 350042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	112	13	9 - 22	123	20	8 - 23
Cancer	2	100	7 - 90	1	100	1 - 97
Cerebrovascular Accidents	6	0	8 - 59	6	50	5 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	0	2 - 89	3	0	12 - 84
Metabolic/Electrolyte Disorders	8	25	2 - 69	12	17	8 - 55
Pulmonary Disease	13	23	8 - 55	2	50	4 - 93
Renal Failure	0	-	-	2	50	4 - 93
Severe Acute Heart Disease	5	100	27 - 82	7	57	17 - 80
Severe Chronic Heart Disease	7	0	5 - 52	4	0	5 - 70
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	8	0	0 - 63	11	9	0 - 99
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	7	0	0 - 96	15	7	0 - 76
Musculoskeletal/Skin Conditions	17	6	0 - 82	15	0	0 - 97
Neuropsychiatric/Sensory Disease	7	0	0 - 79	13	23	0 - 79
Urologic Disease	4	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	154
Occupancy Rate (%):	79
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

OAKES COMMUNITY HOSPITAL

314 SOUTH 8TH STREET
OAKES, ND 58474

Medicare Hospital Provider Number: 350012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	244	19	10 - 20	243	14	9 - 18
Cancer	9	78	27 - 80	3	33	12 - 93
Cerebrovascular Accidents	3	0	3 - 79	4	0	3 - 71
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	3	0	4 - 79	2	0	7 - 90
Metabolic/Electrolyte Disorders	2	50	0 - 95	4	100	16 - 79
Pulmonary Disease	29	45	20 - 56	19	42	18 - 61
Renal Failure	0	-	-	2	100	10 - 99
Severe Acute Heart Disease	6	67	15 - 80	7	57	11 - 74
Severe Chronic Heart Disease	11	27	7 - 59	14	21	10 - 54
Severe Trauma	0	-	-	1	0	2 - 97
Gastrointestinal Disease	22	0	0 - 42	28	0	0 - 37
Gynecologic Disease	2	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	23	0	0 - 40	17	0	0 - 48
Musculoskeletal/Skin Conditions	20	0	0 - 67	25	0	0 - 36
Neuropsychiatric/Sensory Disease	7	14	0 -100	5	0	0 -100
Urologic Disease	5	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 32
Occupancy Rate (%): 41
Ownership/Control: Church

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: 50
Interns and Residents: 0
Registered Nurses: 10
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PEMBINA COUNTY MEM HOSP

205 EAST 3RD AVE
CAVALIER , ND 58220

Medicare Hospital Provider Number: 350038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	358	13	11 - 18	387	12	10 - 18
Cancer	6	33	15 - 80	2	100	6 - 90
Cerebrovascular Accidents	10	30	8 - 62	27	52	17 - 54
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 93	2	0	8 - 91
Pulmonary Disease	30	17	18 - 47	29	21	14 - 45
Renal Failure	9	56	20 - 85	7	57	19 - 88
Severe Acute Heart Disease	13	46	17 - 67	17	53	16 - 61
Severe Chronic Heart Disease	23	48	12 - 52	17	6	12 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	0	1 - 15	48	2	1 - 15
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	61	0	2 - 9	54	0	2 - 10
Musculoskeletal/Skin Conditions	37	0	0 - 22	35	0	1 - 16
Neuropsychiatric/Sensory Disease	10	0	0 - 77	10	0	0 - 92
Urologic Disease	4	0	0 -100	6	17	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	111
Occupancy Rate (%):	71
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

FORT YATES, ND 58538

Medicare Hospital Provider Number: 350064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	19	5	7 - 34	25	16	8 - 39
Cancer	1	0	3 - 99	2	100	7 - 91
Cerebrovascular Accidents	0	-	-	2	50	0 - 98
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	1 - 97
Metabolic/Electrolyte Disorders	1	0	0 - 98	1	0	2 - 97
Pulmonary Disease	4	0	2 - 72	2	0	3 - 88
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	2	50	3 - 92	0	-	-
Severe Chronic Heart Disease	1	0	0 - 99	3	33	7 - 87
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	1	0	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	32
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSPITAL

BELCOURT , ND 58316

Medicare Hospital Provider Number: 350063

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	85	13	4 - 20	66	9	3 - 20
Cancer	1	100	1 - 97	1	0	1 - 97
Cerebrovascular Accidents	3	33	0 - 91	2	50	0 - 95
Gastrointestinal Catastrophes	1	100	1 - 97	0	-	-
Infectious Disease	0	-	-	1	100	0 - 99
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	5	40	1 - 81	4	0	1 - 79
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	0	7 - 80	1	0	0 - 98
Severe Chronic Heart Disease	8	25	3 - 65	4	25	1 - 85
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	20	0 - 98	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	6	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	13	0	0 - 98	9	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	46
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

RENVILLE BOTTINEAU MEMORIAL HOSP

105 4TH AVE SE
MOHALL, ND 58761

Medicare Hospital Provider Number: 350036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	72	18	8 - 27	82	7	8 - 21
Cancer	3	100	13 - 86	1	0	3 - 99
Cerebrovascular Accidents	1	0	0 - 98	5	20	6 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	4	0	10 - 74
Pulmonary Disease	6	50	9 - 77	4	25	2 - 81
Renal Failure	3	67	9 - 91	0	-	-
Severe Acute Heart Disease	2	50	6 - 94	2	50	4 - 93
Severe Chronic Heart Disease	6	50	5 - 74	2	0	2 - 89
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 68	6	0	0 - 86
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 65	8	25	0 - 98
Musculoskeletal/Skin Conditions	3	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	4	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	31
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RICHARDTON COMMUNITY HOSP

212 THIRD AVE W
RICHARDTON, ND 58652

Medicare Hospital Provider Number: 350060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	46	9	6 - 24	86	8	9 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 99	7	0	14 - 58
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	6	50	5 - 75
Pulmonary Disease	9	11	7 - 56	13	15	12 - 55
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	2	50	4 - 93	2	0	5 - 89
Severe Chronic Heart Disease	1	100	1 - 97	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 68	10	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	4	0	0 - 96	11	0	0 - 81
Musculoskeletal/Skin Conditions	3	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	2	0	0 -100	3	0	1 - 82

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	26
Occupancy Rate (%):	15
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROLETTE COMMUNITY HOSPITAL

P O BOX 218
ROLETTE, ND 58366

Medicare Hospital Provider Number: 350048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	21	5	2 - 31	72	12	7 - 24
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 97	2	50	3 - 92
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 99
Metabolic/Electrolyte Disorders	1	100	0 - 97	1	0	1 - 97
Pulmonary Disease	3	0	1 - 85	7	29	6 - 69
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	2	50	7 - 96
Severe Chronic Heart Disease	0	-	-	7	14	5 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	8	0	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	9	0	0 - 98
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

Total Beds (#):	49
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ROLLA COMMUNITY HOSPITAL

213 SECOND AVENUE NE
ROLLA, ND 58367

Medicare Hospital Provider Number: 350024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	139	9	9 - 19	152	12	10 - 21
Cancer	1	100	0 -100	1	100	1 - 97
Cerebrovascular Accidents	8	13	9 - 61	5	40	6 - 78
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	3	0	7 - 80	7	14	18 - 74
Metabolic/Electrolyte Disorders	3	0	0 - 90	3	0	0 - 98
Pulmonary Disease	15	7	9 - 43	20	10	14 - 45
Renal Failure	0	-	-	1	0	3 - 99
Severe Acute Heart Disease	8	38	15 - 75	5	80	14 - 80
Severe Chronic Heart Disease	11	9	10 - 52	14	36	8 - 57
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	21	0	0 - 50	19	5	0 - 53
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	8	0 - 83	21	0	0 - 41
Musculoskeletal/Skin Conditions	17	6	0 -100	16	0	0 - 82
Neuropsychiatric/Sensory Disease	6	0	0 -100	12	8	0 -100
Urologic Disease	2	0	0 - 92	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	96
Occupancy Rate (%):	49
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAKAKAWEA MEDICAL CTR

510 EIGHTH AVE N E
HAZEN, ND 58545

Medicare Hospital Provider Number: 350039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	164	6	7 - 15	178	8	9 - 18
Cancer	0	-	-	1	100	3 - 99
Cerebrovascular Accidents	4	0	4 - 70	6	17	9 - 70
Gastrointestinal Catastrophes	2	0	3 - 88	1	0	0 -100
Infectious Disease	2	0	0 - 93	2	0	3 - 88
Metabolic/Electrolyte Disorders	2	0	6 - 90	5	0	2 - 66
Pulmonary Disease	11	0	11 - 44	15	0	17 - 42
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	60	16 - 86	9	22	17 - 70
Severe Chronic Heart Disease	16	6	9 - 40	10	10	7 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	13	8	0 - 89
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	32	0	0 - 20	38	3	0 - 24
Musculoskeletal/Skin Conditions	13	0	0 -100	11	0	0 - 81
Neuropsychiatric/Sensory Disease	6	0	0 -100	2	0	0 -100
Urologic Disease	11	0	0 - 86	13	0	0 - 46

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	37
Occupancy Rate (%):	46
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ALEXIUS HOSP

900 E BROADWAY
BISMARCK, ND 58501

Medicare Hospital Provider Number: 350002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,924	7	8 - 12	1,932	8	9 - 13
Cancer	65	48	32 - 59	71	34	33 - 59
Cerebrovascular Accidents	51	22	16 - 40	43	14	16 - 39
Gastrointestinal Catastrophes	7	29	13 - 75	12	17	12 - 59
Infectious Disease	21	19	13 - 51	19	37	23 - 67
Metabolic/Electrolyte Disorders	26	12	9 - 42	26	15	8 - 42
Pulmonary Disease	68	18	21 - 42	68	21	16 - 39
Renal Failure	7	29	13 - 80	7	57	20 - 89
Severe Acute Heart Disease	54	28	24 - 50	69	32	28 - 52
Severe Chronic Heart Disease	62	16	14 - 34	66	21	14 - 35
Severe Trauma	5	40	2 - 79	1	100	0 - 98
Gastrointestinal Disease	101	1	1 - 8	124	4	1 - 10
Gynecologic Disease	39	0	0 - 89	28	4	0 -100
Low-Risk Heart Disease	237	1	2 - 6	240	4	2 - 8
Musculoskeletal/Skin Conditions	312	1	1 - 4	271	0	1 - 4
Neuropsychiatric/Sensory Disease	64	0	0 - 10	78	0	0 - 8
Urologic Disease	180	1	0 - 10	134	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	278
Occupancy Rate (%):	62
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	111
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	229
Licensed Practical Nurses:	83

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST. ALEXIUS
MEDICAL CENTER
"Let all be received as Christ"
900 East Broadway • Box 1658 • Bismarck, North Dakota 58502 • Phone 701-224-7000

October 17, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: St. Alexius Medical Center
Bismarck, North Dakota 58501
Provider No. 35-0002

Mrs. Sandra Kappert:

Data Verification
The data HCFA used indicate that a total of 220 medicare deaths were associated to St. Alexius Medical Center. There were six (6) minor demographic discrepancies.

[redacted]

Unique Services, Results and Comments or Record Review:

1. St. Alexius Medical Center want to stress that the information by itself is not a complete measure of the quality of care at an individual hospital.

2. Additional statistical measures have not been developed with complex issues such as severity of illness, so use of the information by itself to judge quality of care or make comparisons amongst hospitals is not recommended.

3. HCFA this year has made a much better attempt to validate their model with the use of a separate package called the Medicare Mortality Predictor System (MMPS).

4. St. Alexius Medical Center continues to feel that this data can still be a misleading quality indicator and should be used only to encourage internal peer review. Factors such as patients general health status, stage of patients illness upon admission. psychological condition and family support is not considered in the analysis.

5. St. Alexius Medical Center is an isolated essential tertiary care Center located in a rural state. St. Alexius specializes in high risk areas of care, i.e., heart, lungs, renal, cancer and infectious diseases.

6. The mortality value does not identify that the mortality was related to problems such as nosocomial infections, readmission, etc.

Sincerely,

Richard A. Tschider, FACHE
Administrator
St. Alexius Medical Center

RT/LK/pw

ST ALOISIUS HOSPITAL

325 EAST BREWSTER
HARVEY, ND 58341

Medicare Hospital Provider Number: 350018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	233	15	10 - 20	267	11	12 - 21
Cancer	3	33	14 - 96	7	57	19 - 83
Cerebrovascular Accidents	20	30	14 - 54	14	29	11 - 57
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	0 - 95	4	0	7 - 72
Metabolic/Electrolyte Disorders	10	20	8 - 61	21	0	11 - 36
Pulmonary Disease	20	10	16 - 47	26	12	18 - 46
Renal Failure	0	-	-	2	100	10 - 96
Severe Acute Heart Disease	9	78	21 - 74	14	29	19 - 65
Severe Chronic Heart Disease	16	31	8 - 53	14	21	16 - 59
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	13	8	0 - 98	17	12	0 - 58
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	43	0	1 - 12	32	3	1 - 24
Musculoskeletal/Skin Conditions	26	4	0 - 61	25	0	0 - 73
Neuropsychiatric/Sensory Disease	10	0	0 - 70	10	10	0 - 92
Urologic Disease	5	20	0 -100	11	9	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	165
Occupancy Rate (%):	79
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST ANDREWS HOSP

316 OHMER
BOTTINEAU, ND 58318

Medicare Hospital Provider Number: 350007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	227	11	11 - 20	249	13	12 - 21
Cancer	5	60	15 - 85	3	67	11 - 91
Cerebrovascular Accidents	9	22	10 - 64	12	42	8 - 61
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 99
Infectious Disease	3	33	9 - 90	1	100	1 - 97
Metabolic/Electrolyte Disorders	5	0	2 - 66	21	5	11 - 40
Pulmonary Disease	29	21	17 - 48	36	17	19 - 46
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	4	50	8 - 84	6	17	11 - 72
Severe Chronic Heart Disease	18	17	13 - 49	16	25	10 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 40	15	7	0 - 90
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	23	0	0 - 30	29	0	1 - 19
Musculoskeletal/Skin Conditions	27	4	1 - 30	22	0	0 - 37
Neuropsychiatric/Sensory Disease	14	7	0 - 86	9	11	0 - 92
Urologic Disease	3	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	67
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

St. Andrews Hospital
Bottineau, North Dakota

Provider Number: 35-0007

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

ST ANSGARS HOSP

715 VIVIAN ST
PARK RIVER, ND 58270

Medicare Hospital Provider Number: 350005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	147	18	12 - 25	137	16	12 - 25
Cancer	1	100	2 - 97	5	100	26 - 82
Cerebrovascular Accidents	5	20	5 - 74	7	0	7 - 53
Gastrointestinal Catastrophes	0	-	-	5	40	6 - 78
Infectious Disease	1	0	1 - 97	1	100	3 - 98
Metabolic/Electrolyte Disorders	14	7	13 - 51	3	0	0 - 88
Pulmonary Disease	24	54	18 - 57	18	28	14 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	9	22	12 - 66	8	25	18 - 75
Severe Chronic Heart Disease	8	13	6 - 59	12	8	15 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 50	13	8	0 - 81
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	20	0	0 - 34	16	0	0 - 42
Musculoskeletal/Skin Conditions	8	13	0 -100	9	0	0 - 97
Neuropsychiatric/Sensory Disease	5	0	0 - 97	3	0	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	22
Occupancy Rate (%):	64
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	33
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST GERARDS COMM HOSP

613 FIRST AVE SW
HANKINSON, ND 58041

Medicare Hospital Provider Number: 350032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	50	22	8 - 32	89	7	7 - 19
Cancer	3	67	7 - 88	1	100	3 - 98
Cerebrovascular Accidents	1	100	0 - 99	1	0	0 - 99
Gastrointestinal Catastrophes	1	100	3 - 98	1	0	1 - 97
Infectious Disease	1	0	0 - 98	2	0	4 - 89
Metabolic/Electrolyte Disorders	0	-	-	2	50	0 - 99
Pulmonary Disease	3	0	4 - 79	7	0	12 - 57
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	1	0	1 - 97	3	33	7 - 88
Severe Chronic Heart Disease	11	45	9 - 63	8	13	7 - 59
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	20	0	0 - 64
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	5	0	0 -100	14	0	0 - 88
Musculoskeletal/Skin Conditions	5	0	0 -100	7	0	0 - 99
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	55
Occupancy Rate (%):	56
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOHNS HOSP

510 SOUTH 4TH STREET
FARGO, ND 58102

Medicare Hospital Provider Number: 350020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	787	7	7 - 12	863	9	8 - 13
Cancer	19	37	20 - 63	24	25	26 - 62
Cerebrovascular Accidents	22	23	14 - 50	22	41	14 - 54
Gastrointestinal Catastrophes	6	17	11 - 73	8	13	12 - 65
Infectious Disease	7	29	7 - 70	6	17	9 - 71
Metabolic/Electrolyte Disorders	16	6	6 - 42	15	33	12 - 60
Pulmonary Disease	30	27	11 - 44	33	30	14 - 47
Renal Failure	2	0	5 - 90	2	50	7 - 99
Severe Acute Heart Disease	18	22	20 - 59	10	60	16 - 71
Severe Chronic Heart Disease	29	14	9 - 37	34	24	13 - 43
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	68	1	1 - 12	66	6	0 - 28
Gynecologic Disease	8	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	50	6	1 - 23	50	4	0 - 21
Musculoskeletal/Skin Conditions	134	1	1 - 8	149	2	1 - 8
Neuropsychiatric/Sensory Disease	73	1	0 - 13	107	0	1 - 6
Urologic Disease	41	2	0 - 47	32	3	0 - 58

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	159
Occupancy Rate (%):	45
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	36
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	69
Licensed Practical Nurses:	24

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH'S HOSPITAL

30 7TH STREET WEST
DICKINSON, ND 58601

Medicare Hospital Provider Number: 350003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	684	9	10 - 16	775	8	9 - 14
Cancer	19	42	26 - 69	18	50	28 - 72
Cerebrovascular Accidents	20	30	13 - 53	24	21	15 - 48
Gastrointestinal Catastrophes	13	38	15 - 67	7	43	7 - 72
Infectious Disease	3	67	3 - 86	7	29	7 - 70
Metabolic/Electrolyte Disorders	14	7	9 - 47	22	0	12 - 36
Pulmonary Disease	43	21	15 - 42	47	23	14 - 41
Renal Failure	0	-	-	1	100	0 -100
Severe Acute Heart Disease	29	24	24 - 56	26	12	28 - 56
Severe Chronic Heart Disease	37	22	16 - 43	29	21	12 - 43
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	63	0	1 - 9	68	1	1 - 11
Gynecologic Disease	8	0	0 -100	11	0	0 -100
Low-Risk Heart Disease	91	3	1 - 11	90	1	1 - 8
Musculoskeletal/Skin Conditions	59	3	0 - 18	60	2	0 - 21
Neuropsychiatric/Sensory Disease	34	0	1 - 17	48	2	0 - 45
Urologic Disease	14	0	0 - 99	45	0	0 - 21

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	101
Occupancy Rate (%):	55
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	30
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	79
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPH'S HOSPITAL

THIRD ST SE & BURDICK EXPRESSW
MINOT, ND 58701

Medicare Hospital Provider Number: 350006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,045	8	8 - 13	992	9	8 - 13
Cancer	39	31	29 - 60	40	40	30 - 62
Cerebrovascular Accidents	25	28	11 - 47	26	35	13 - 50
Gastrointestinal Catastrophes	7	43	11 - 75	7	71	17 - 79
Infectious Disease	11	27	17 - 68	8	38	12 - 73
Metabolic/Electrolyte Disorders	21	5	12 - 41	17	18	8 - 50
Pulmonary Disease	39	28	16 - 45	33	33	15 - 48
Renal Failure	1	0	2 - 97	2	50	7 - 97
Severe Acute Heart Disease	31	39	26 - 60	22	36	22 - 61
Severe Chronic Heart Disease	48	21	12 - 36	48	23	16 - 41
Severe Trauma	1	0	0 -100	2	50	2 - 92
Gastrointestinal Disease	75	0	1 - 8	68	1	1 - 12
Gynecologic Disease	17	0	0 -100	12	0	0 -100
Low-Risk Heart Disease	113	2	2 - 8	92	0	1 - 6
Musculoskeletal/Skin Conditions	135	2	0 - 9	134	2	1 - 8
Neuropsychiatric/Sensory Disease	42	5	0 - 53	72	3	1 - 14
Urologic Disease	99	0	1 - 7	71	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 180
Occupancy Rate (%): 58
Ownership/Control: Church

STAFFING

Total Number of Physicians: 78
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: 0
Registered Nurses: 98
Licensed Practical Nurses: 33

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

St. Joseph's Hospital

3rd Street S.E. & Burdick Expressway • Minot, North Dakota 58701 • 701/857-2000

Hospital ID: 350006

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: COMMENTS ON THE HCFA MORTALITY DATA

Data Verification

The data used by HCFA indicates that a total of 84 Medicare patients admitted to St. Joseph's Hospital died within 30 days of admission. Of those, 66 died while still a patient of the hospital, while 18 died after discharge. Our own records indicated that 2,165 Medicare admissions occurred in 1987. Presumably the discrepancy reflects multiple admissions of an individual. We have no way of verifying whether the number of Medicare patients treated at St. Joseph's Hospital is correct.

As per your request, we have verified the accuracy of this data according to our records, and found no discrepancies. It is impossible to verify how many of the other 18 patients actually died after discharge, as information concerning death after discharge is not included in the patient's medical record.

Interpretative Remarks

Review of the mortality figures supplied indicated that in all of the diagnostic categories reviewed, the experienced death rates for patients treated at St. Joseph's Hospital appears to be in the lower half of the expected ranges.

Death rates are not in themselves an indication of quality medical care, however these statistics certainly support our belief that St. Joseph's Hospital delivers high quality care.

Hospital Characteristics

We would like to correct discrepancies we found in the Hospital Characteristics section, and indicate here those corrections: Beds # 177; CCU, yes; Hospice Care, yes

ST LUKES HOSP
5TH ST AT MILLS AVE
FARGO, ND 58122

Medicare Hospital Provider Number: 350011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	3,027	10	9 - 13	3,185	10	10 - 14
Cancer	171	35	31 - 51	193	34	31 - 50
Cerebrovascular Accidents	102	21	18 - 36	126	17	19 - 35
Gastrointestinal Catastrophes	19	53	13 - 59	13	38	17 - 69
Infectious Disease	23	35	21 - 61	31	29	26 - 61
Metabolic/Electrolyte Disorders	48	17	10 - 39	27	15	10 - 43
Pulmonary Disease	65	17	20 - 41	88	30	20 - 42
Renal Failure	8	13	17 - 76	23	30	20 - 72
Severe Acute Heart Disease	115	46	27 - 48	130	39	30 - 49
Severe Chronic Heart Disease	112	28	19 - 37	111	23	17 - 35
Severe Trauma	17	24	10 - 54	15	20	12 - 57
Gastrointestinal Disease	204	2	1 - 7	173	1	2 - 7
Gynecologic Disease	31	0	0 -100	44	0	0 -100
Low-Risk Heart Disease	467	1	2 - 5	508	3	2 - 6
Musculoskeletal/Skin Conditions	387	3	1 - 6	382	2	1 - 5
Neuropsychiatric/Sensory Disease	104	1	0 - 9	118	2	0 - 9
Urologic Disease	129	1	0 - 7	121	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	428
Occupancy Rate (%):	67
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	107
Percent of Physicians Who Are Board Certified Specialists:	93
Interns and Residents:	24
Registered Nurses:	417
Licensed Practical Nurses:	64

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

St. Luke's Hospitals
MeritCare

720 4th Street North
Fargo, North Dakota 58122
701 234 6000

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA Mortality Data
St. Luke's Hospitals
Medicare Provider Mo. 35-0011

Dear Mrs. Kappert:

We have received and have begun our analysis of the HCFA Mortality Data. Obviously, a thorough analysis of this data cannot be completed within 30 days so our comments on the data will be limited at this time.

The data used by HCFA indicates that a total of 3,027 Medicare patients were admitted to St. Luke's Hospitals during 1987. Our own records indicate that 3,661 Medicare patients were treated by St. Luke's Hospitals accounting for 4,890 Medicare admissions. We have not yet been able to identify the reason for this descrepancy.

The data used by HCFA indicates that a total of 302 Medicare patients died within 30 days of admission. Our own records indicate that 44 (15%) of that number were still alive at the time of discharge. We have no way of determining whether their death was related to the reason for which they were hospitalized.

We would like to make the following 1987 update to the hospital characteristics that are intended to be included with the public release of the data:

Beds	404
Occupancy Rate	71%
Total Number Physicians	153
Percent Board Certified	78%
Registered Nurses Per Bed	1.67
Licensed Practical Nurses Per Bed	0.21
Hospice Care	Yes

St. Luke's Hospitals recognizes the need for monitoring the quality of care provided and has an ongoing quality assurance program to accomplish that function. The review of deaths is included in our quality assurance process and we will also use the HCFA mortality data. However, an appropriate assessment of hospital performance is dependent upon many variables and requires a review and comparison of other quality indicators including readmissions, complications, infections, hospital incurred injury as well as others.

St. Luke's Hospitals supports the release of quality assurance information to the public so that consumers are better able to make informed choices about their health care provider. However, the HCFA information is specific to Medicare patients, who are primarily age 65 and older, and comparisons should not be made with other groups of patients that do not fit that category.

Sincerely,

Phillip M. Wells, FACHE
Executive Vice President and
Chif Operating Officer

PW:cl

ST LUKES HOSPITAL

702 SW 1ST ST
CROSBY, ND 58730

Medicare Hospital Provider Number: 350021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	135	10	8 - 19	133	13	8 - 20
Cancer	0	-	-	2	100	6 - 90
Cerebrovascular Accidents	0	-	-	6	50	3 - 74
Gastrointestinal Catastrophes	1	0	2 - 97	1	0	0 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	50	2 - 92	3	33	2 - 87
Pulmonary Disease	30	23	11 - 44	21	14	13 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	25	14 - 87	3	33	6 - 87
Severe Chronic Heart Disease	4	25	1 - 82	7	0	4 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 78	13	8	0 - 87
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	11	0	0 - 91	10	0	0 - 66
Musculoskeletal/Skin Conditions	8	0	0 - 72	12	8	0 - 68
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	5	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	(not available)
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

ST LUKES TRI-STATE HOSP

202 6TH AVE SW
BOWMAN, ND 58623

Medicare Hospital Provider Number: 350023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	172	10	9 - 19	185	10	11 - 20
Cancer	5	40	16 - 87	5	40	13 - 84
Cerebrovascular Accidents	4	25	4 - 79	4	50	6 - 82
Gastrointestinal Catastrophes	1	0	0 - 98	1	100	2 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	1 - 91	4	0	1 - 77
Pulmonary Disease	17	12	13 - 49	27	15	12 - 43
Renal Failure	0	-	-	2	0	11 - 97
Severe Acute Heart Disease	7	71	21 - 82	9	22	12 - 65
Severe Chronic Heart Disease	14	29	7 - 54	10	30	9 - 63
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	19	0	0 - 71	20	0	0 - 44
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	25	0	3 - 19	8	25	0 -100
Musculoskeletal/Skin Conditions	19	0	0 - 36	14	0	0 - 62
Neuropsychiatric/Sensory Disease	7	0	0 -100	4	0	0 -100
Urologic Disease	3	0	0 -100	5	0	0 - 94

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	39
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

STANLEY COMMUNITY HOSP

502 THIRD ST SE
STANLEY, ND 58784

Medicare Hospital Provider Number: 350029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	115	8	10 - 21	142	4	9 - 16
Cancer	4	25	14 - 88	5	20	21 - 88
Cerebrovascular Accidents	1	0	0 - 98	0	-	-
Gastrointestinal Catastrophes	2	50	6 - 95	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	7	14	6 - 65	5	20	2 - 75
Pulmonary Disease	15	13	10 - 49	20	0	10 - 32
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	67	7 - 88	0	-	-
Severe Chronic Heart Disease	7	14	4 - 63	6	17	5 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 97	14	0	0 - 54
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	14	0 - 97	9	0	0 - 95
Musculoskeletal/Skin Conditions	13	0	1 - 41	19	0	0 - 59
Neuropsychiatric/Sensory Disease	7	0	0 - 99	5	0	0 - 85
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TIOGA COMM HOSP

810 N WELO ST
TIOGA, ND 58852

Medicare Hospital Provider Number: 350034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	189	6	9 - 17	178	4	7 - 14
Cancer	1	0	2 - 97	3	67	8 - 89
Cerebrovascular Accidents	6	17	7 - 69	4	0	11 - 74
Gastrointestinal Catastrophes	2	50	3 - 92	1	0	0 - 98
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	0	2 -100	6	0	1 - 64
Pulmonary Disease	15	20	11 - 54	12	8	12 - 51
Renal Failure	0	-	-	1	0	3 - 98
Severe Acute Heart Disease	9	56	20 - 78	2	0	4 - 88
Severe Chronic Heart Disease	7	14	6 - 63	9	11	9 - 57
Severe Trauma	0	-	-	1	100	1 - 97
Gastrointestinal Disease	22	0	0 - 28	18	0	0 - 49
Gynecologic Disease	1	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	31	0	0 - 23	35	3	1 - 22
Musculoskeletal/Skin Conditions	16	0	0 - 67	19	0	0 - 76
Neuropsychiatric/Sensory Disease	4	25	0 - 98	3	0	0 -100
Urologic Disease	14	0	0 - 65	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	31
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TOWNER CO MEM HOSP

HWY 281 N
CANDO, ND 58324

Medicare Hospital Provider Number: 350014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	86	9	7 - 21	112	11	10 - 22
Cancer	1	100	1 - 97	2	100	12 - 98
Cerebrovascular Accidents	6	0	12 - 61	9	22	11 - 64
Gastrointestinal Catastrophes	2	0	2 - 89	1	0	0 - 99
Infectious Disease	1	100	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	5	0	2 - 67	8	0	9 - 52
Pulmonary Disease	4	25	3 - 80	11	27	14 - 64
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	50	5 - 82	4	0	13 - 76
Severe Chronic Heart Disease	8	25	4 - 64	6	33	3 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 - 94	13	0	0 - 93
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	0	0 - 78	11	0	0 - 55
Musculoskeletal/Skin Conditions	6	0	0 - 99	11	0	0 - 98
Neuropsychiatric/Sensory Disease	4	0	0 -100	4	0	0 -100
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	19
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TRINITY MEDICAL CENTER

BURDICK EXPRESSWAY AT MAIN ST
MINOT , ND 58701

Medicare Hospital Provider Number: 350043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,539	10	9 - 14	1,538	9	9 - 14
Cancer	47	32	26 - 55	49	41	29 - 59
Cerebrovascular Accidents	50	32	16 - 43	57	23	16 - 40
Gastrointestinal Catastrophes	13	31	17 - 67	17	18	14 - 55
Infectious Disease	21	24	16 - 55	10	20	12 - 63
Metabolic/Electrolyte Disorders	19	21	13 - 54	18	28	11 - 54
Pulmonary Disease	69	22	20 - 42	50	26	15 - 42
Renal Failure	6	67	11 - 81	8	0	11 - 65
Severe Acute Heart Disease	48	48	26 - 55	55	35	27 - 54
Severe Chronic Heart Disease	67	31	15 - 39	76	21	15 - 35
Severe Trauma	2	0	1 - 89	2	50	2 - 92
Gastrointestinal Disease	138	2	2 - 8	105	2	1 - 9
Gynecologic Disease	16	6	0 -100	13	0	0 -100
Low-Risk Heart Disease	206	2	2 - 7	199	4	1 - 8
Musculoskeletal/Skin Conditions	171	5	1 - 9	170	2	1 - 7
Neuropsychiatric/Sensory Disease	38	0	0 - 26	59	0	0 - 11
Urologic Disease	110	2	0 - 13	95	2	0 - 15

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 563
Occupancy Rate (%): 74
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 83
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 164
Licensed Practical Nurses: 78

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

TURTLE LAKE COMM MEM HOSP

220 FIFTH AVE
TURTLE LAKE, ND 58575

Medicare Hospital Provider Number: 350050

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	99	2	6 - 14	45	4	6 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	1	0	0 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 -100	3	0	8 - 81
Pulmonary Disease	18	0	12 - 34	5	0	3 - 64
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	1 - 97	0	-	-
Severe Chronic Heart Disease	4	0	9 - 72	3	0	1 - 83
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 65	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 -100	8	13	0 -100
Musculoskeletal/Skin Conditions	14	0	0 - 85	0	-	-
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	4	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	20
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNION HOSP

42 6TH AVENUE SW
MAYVILLE, ND 58257

Medicare Hospital Provider Number: 350033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	184	11	9 - 19	198	13	10 - 20
Cancer	6	17	12 - 73	5	40	12 - 83
Cerebrovascular Accidents	10	40	7 - 64	13	31	7 - 57
Gastrointestinal Catastrophes	2	50	1 - 93	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	11	27	7 - 61	12	25	5 - 57
Pulmonary Disease	15	20	13 - 55	16	25	10 - 53
Renal Failure	2	50	6 - 94	1	0	3 - 99
Severe Acute Heart Disease	5	40	9 - 80	14	43	20 - 69
Severe Chronic Heart Disease	10	20	10 - 60	15	0	16 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 62	18	0	0 - 86
Gynecologic Disease	4	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	19	0	0 - 38	11	9	0 - 92
Musculoskeletal/Skin Conditions	24	0	0 - 58	16	0	0 - 99
Neuropsychiatric/Sensory Disease	7	0	0 -100	2	0	0 -100
Urologic Disease	5	0	0 - 94	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	25
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

UNITED HOSP

1200 S COLUMBIA RD
GRAND FORKS, ND 58201

Medicare Hospital Provider Number: 350019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,278	11	9 - 14	2,251	10	10 - 14
Cancer	75	29	28 - 52	77	34	29 - 54
Cerebrovascular Accidents	69	36	16 - 40	69	23	20 - 41
Gastrointestinal Catastrophes	20	30	19 - 61	16	31	17 - 63
Infectious Disease	20	20	25 - 63	26	35	22 - 60
Metabolic/Electrolyte Disorders	21	38	11 - 55	29	10	9 - 39
Pulmonary Disease	72	25	18 - 40	97	23	17 - 36
Renal Failure	16	50	17 - 74	9	33	18 - 82
Severe Acute Heart Disease	113	42	28 - 49	70	39	30 - 54
Severe Chronic Heart Disease	65	23	15 - 37	69	20	15 - 35
Severe Trauma	4	50	5 - 82	9	11	7 - 59
Gastrointestinal Disease	149	3	1 - 8	149	2	1 - 8
Gynecologic Disease	32	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	197	4	1 - 8	188	3	2 - 8
Musculoskeletal/Skin Conditions	406	1	1 - 5	367	1	1 - 4
Neuropsychiatric/Sensory Disease	91	4	1 - 14	82	1	1 - 10
Urologic Disease	126	1	1 - 7	113	1	1 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 281
Occupancy Rate (%): 68
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 123
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: 0
Registered Nurses: 354
Licensed Practical Nurses: 60

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Medical Park, S Columbia Road, P.O. Box 6002, Grand Forks, ND 58206-6002 • Phone 701-780-5000

The
UNITED
HOSPITAL

THE UNITED HOSPITAL
GRAND FORKS, NORTH DAKOTA
350019

COMMENTS ON HCFA MORTALITY INFORMATION

The United Hospital's mortality rate data shows approximately the same patterns that were reported one year ago. Unfortunately, the data is of little practical use to either the public or the hospital for several significant reasons.

First, the significant variations in rates occur in diagnostic groups that reflect relatively small numbers of patients; e.g., trauma 4, renal failure 16, and metabolic disorders 21. As a result, a fluctuation of numbers by several cases causes a major swing in the percentages.

Second, an investigation done previously proved that many of the deaths in a specific diagnostic category were not related to the condition for which the patient was hospitalized.

Third, everyone in the health care business knows that diagnostic categories do not tell you how sick the patient is. As the public is also aware, one person with a heart attack and no other complicating conditions is not as ill as another who also has high blood pressure and diabetes. As yet, the HCFA data does not include any recognized effective sorting of patients according to a severity of illness classification.

Finally, the range of variability in expected deaths is so great in many categories; e.g., from 0-100% for gynecologic disease and 5-82% for trauma, that it is not possible to interpret the data with any high degree of confidence.

The variations in death rates at United Hospital for all selected categories from 1986 to 1987 was 1%. Such a variation or even greater could be expected from year to year without giving cause for concern. Of greater importance, is the fact that all death cases are examined closely, shortly after they occur, to assure both the public and hospital that high quality care is being delivered.

The review of retrospective statistics can be valuable but the review of quality of care must take place closer to the time care is delivered.

Submitted by:

John H Waters

John (Jack) H. Waters, Ed.D
Director, Quality Assurance
October 21, 1988

UNITY HOSPITAL

164 W 13TH ST
GRAFTON, ND 58237

Medicare Hospital Provider Number: 350047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	188	16	12 - 23	179	22	12 - 25
Cancer	4	25	10 - 83	5	60	15 - 85
Cerebrovascular Accidents	20	15	12 - 46	14	43	9 - 59
Gastrointestinal Catastrophes	2	0	1 - 90	1	0	0 - 99
Infectious Disease	1	0	0 -100	1	0	3 - 98
Metabolic/Electrolyte Disorders	11	0	5 - 42	7	14	7 - 65
Pulmonary Disease	16	38	12 - 58	9	33	8 - 66
Renal Failure	5	60	10 - 85	4	100	25 - 95
Severe Acute Heart Disease	15	67	20 - 66	21	38	21 - 62
Severe Chronic Heart Disease	10	40	6 - 63	11	18	5 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 - 95	10	10	0 -100
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	18	0	0 - 47	13	0	0 - 84
Musculoskeletal/Skin Conditions	12	0	0 - 84	15	7	0 - 97
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	4	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	27
Occupancy Rate (%):	48
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	57
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WISHEK COMMUNITY HOSP

315 TENTH ST SOUTH
WISHEK, ND 58495

Medicare Hospital Provider Number: 350051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	288	7	8 - 15	259	8	8 - 16
Cancer	2	0	8 - 91	2	0	5 - 89
Cerebrovascular Accidents	13	31	12 - 60	12	25	11 - 59
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	4	25	13 - 86	3	0	6 - 80
Metabolic/Electrolyte Disorders	2	0	0 - 94	1	100	3 - 98
Pulmonary Disease	15	7	14 - 47	14	7	13 - 48
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	7	29	20 - 81	13	46	19 - 69
Severe Chronic Heart Disease	15	20	11 - 53	9	22	5 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	30	0	0 - 25	27	4	0 - 35
Gynecologic Disease	2	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	47	4	0 - 22	26	0	1 - 19
Musculoskeletal/Skin Conditions	28	0	0 - 31	33	3	0 - 28
Neuropsychiatric/Sensory Disease	11	0	0 - 85	10	10	1 - 61
Urologic Disease	4	0	0 -100	5	20	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	31
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

BAPTIST HOSP

745 EAST 8TH ST
WINNER, SD 57580

Medicare Hospital Provider Number: 430043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	290	13	8 - 16	291	13	8 - 17
Cancer	5	60	10 - 81	2	50	1 - 92
Cerebrovascular Accidents	10	20	9 - 60	7	71	10 - 71
Gastrointestinal Catastrophes	2	0	2 - 89	4	50	4 - 82
Infectious Disease	3	0	3 - 79	3	33	5 - 86
Metabolic/Electrolyte Disorders	2	50	5 - 94	1	100	2 - 97
Pulmonary Disease	17	41	9 - 55	20	50	12 - 55
Renal Failure	1	0	1 - 97	2	100	10 - 99
Severe Acute Heart Disease	10	70	19 - 73	10	30	14 - 67
Severe Chronic Heart Disease	13	8	6 - 44	21	19	9 - 45
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	35	0	0 - 25	39	0	0 - 18
Gynecologic Disease	4	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	31	0	1 - 18	35	3	0 - 24
Musculoskeletal/Skin Conditions	35	9	0 - 70	33	3	0 - 48
Neuropsychiatric/Sensory Disease	8	0	0 - 90	8	0	0 -100
Urologic Disease	6	0	0 - 99	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	40
Occupancy Rate (%):	43
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BELLE FOURCHE HEALTH CARE CTR

2200 13TH AVENUE
BELLE FOURCHE, SD 57717

Medicare Hospital Provider Number: 430009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	190	13	9 - 20	224	12	7 - 17
Cancer	1	100	2 -100	3	67	8 - 89
Cerebrovascular Accidents	14	29	12 - 58	7	29	8 - 70
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	0 - 98
Infectious Disease	3	33	8 - 89	1	100	3 - 98
Metabolic/Electrolyte Disorders	2	0	7 - 91	4	25	2 - 81
Pulmonary Disease	24	21	13 - 48	8	0	18 - 59
Renal Failure	2	50	4 - 93	1	100	1 - 97
Severe Acute Heart Disease	5	80	16 - 82	6	67	20 - 85
Severe Chronic Heart Disease	11	9	5 - 49	17	41	6 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	6	0 - 88	17	0	0 - 89
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	13	0	0 - 89	20	0	0 - 36
Musculoskeletal/Skin Conditions	20	5	0 - 75	19	0	0 - 86
Neuropsychiatric/Sensory Disease	8	0	0 -100	11	0	0 - 75
Urologic Disease	16	0	0 - 85	15	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	130
Occupancy Rate (%):	78
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BENNETT CO COMM HOSP

P O BOX 70-D
MARTIN, SD 57551

Medicare Hospital Provider Number: 430076

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	83	20	10 - 28	70	11	10 - 26
Cancer	2	100	11 - 98	1	100	1 -100
Cerebrovascular Accidents	4	50	6 - 83	5	0	8 - 64
Gastrointestinal Catastrophes	1	0	0 - 99	1	0	2 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	16	25	7 - 51	15	20	7 - 50
Renal Failure	3	33	9 - 91	1	0	3 - 98
Severe Acute Heart Disease	4	75	15 - 88	6	17	13 - 74
Severe Chronic Heart Disease	6	0	7 - 58	5	20	1 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	17	6	0 - 73	11	0	0 - 61
Musculoskeletal/Skin Conditions	5	0	0 -100	5	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 - 99	1	0	0 -100
Urologic Disease	1	0	0 -100	2	50	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	71
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BOWDLE HOSP

9051 WEST 5TH
BOWDLE, SD 57428

Medicare Hospital Provider Number: 430079

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	76	12	12 - 27	60	15	11 - 30
Cancer	3	67	6 - 87	0	-	-
Cerebrovascular Accidents	5	20	8 - 75	2	50	1 - 93
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	2	0	2 - 88	1	0	3 - 98
Metabolic/Electrolyte Disorders	3	67	13 - 94	1	0	0 - 99
Pulmonary Disease	6	0	21 - 70	6	50	8 - 76
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	3	0	9 - 82	5	40	16 - 86
Severe Chronic Heart Disease	3	0	2 - 80	3	0	1 - 82
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	6	0	0 -100	4	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	13	8	0 - 59	10	10	0 - 83
Musculoskeletal/Skin Conditions	6	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	1	0	0 -100
Urologic Disease	1	0	2 - 97	2	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 20
Occupancy Rate (%): 15
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 5
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

BROOKINGS HOSP

300 22ND AVE
BROOKINGS, SD 57006

Medicare Hospital Provider Number: 430008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	598	12	10 - 16	529	12	11 - 18
Cancer	17	59	23 - 69	16	38	20 - 66
Cerebrovascular Accidents	11	36	10 - 64	18	17	12 - 49
Gastrointestinal Catastrophes	4	25	3 - 80	9	33	14 - 71
Infectious Disease	5	20	11 - 78	3	33	6 - 87
Metabolic/Electrolyte Disorders	4	25	1 - 82	8	13	3 - 61
Pulmonary Disease	42	14	15 - 39	44	27	14 - 42
Renal Failure	2	0	9 - 94	1	100	3 - 99
Severe Acute Heart Disease	35	29	26 - 57	33	27	27 - 58
Severe Chronic Heart Disease	34	29	13 - 44	36	22	13 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	64	3	1 - 14	56	2	1 - 14
Gynecologic Disease	7	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	63	0	2 - 9	41	5	1 - 22
Musculoskeletal/Skin Conditions	54	6	0 - 34	39	5	0 - 40
Neuropsychiatric/Sensory Disease	23	4	0 - 47	23	0	0 - 40
Urologic Disease	15	7	0 - 98	14	7	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	132
Occupancy Rate (%):	81
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	33
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CANTON-INWOOD MEM HOSP

HIGHWAY 18 EAST
CANTON, SD 57013

Medicare Hospital Provider Number: 430054

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	6	8 - 18	144	12	10 - 22
Cancer	0	-	-	1	100	1 -100
Cerebrovascular Accidents	5	0	11 - 66	4	25	6 - 80
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	0	9 - 73	3	33	4 - 86
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 97
Pulmonary Disease	16	6	13 - 45	22	14	13 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	5	60	10 - 80	11	36	25 - 77
Severe Chronic Heart Disease	8	25	7 - 65	5	60	2 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 63	19	0	1 - 29
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	23	0	1 - 25	21	5	1 - 38
Musculoskeletal/Skin Conditions	22	0	0 - 33	15	7	0 - 63
Neuropsychiatric/Sensory Disease	6	0	0 -100	11	0	0 - 97
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMM MEM HOSP

PO BOX 319
BURKE, SD 57523

Medicare Hospital Provider Number: 430087

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	87	14	6 - 22	113	13	7 - 21
Cancer	1	100	3 - 99	1	100	3 - 99
Cerebrovascular Accidents	3	67	3 - 86	11	18	7 - 55
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	9	11	7 - 56	16	13	10 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	43	10 - 74	4	25	11 - 84
Severe Chronic Heart Disease	6	50	4 - 74	8	38	8 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	0	0 -100	6	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	11	9	0 - 97
Musculoskeletal/Skin Conditions	10	0	0 -100	14	7	0 - 98
Neuropsychiatric/Sensory Disease	8	0	0 -100	7	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

111 WEST 10TH AVENUE PO BOX 4
REDFIELD, SD 57469

Medicare Hospital Provider Number: 430034

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	218	14	11 - 21	251	13	9 - 18
Cancer	6	33	14 - 80	4	100	24 - 88
Cerebrovascular Accidents	16	50	9 - 56	17	29	11 - 54
Gastrointestinal Catastrophes	1	0	0 -100	4	50	4 - 82
Infectious Disease	2	50	0 - 96	2	50	1 - 92
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	43	14	17 - 41	31	6	16 - 38
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	10	60	16 - 71	9	56	18 - 76
Severe Chronic Heart Disease	5	20	3 - 74	7	29	4 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	32	3	0 - 29	33	9	0 - 35
Gynecologic Disease	1	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	15	7	0 - 72	20	0	0 - 41
Musculoskeletal/Skin Conditions	23	0	1 - 23	27	4	0 - 55
Neuropsychiatric/Sensory Disease	7	0	0 - 89	3	0	0 -100
Urologic Disease	6	0	3 - 58	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	27
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY MEMORIAL HOSP

P O BOX 280
WAGNER, SD 57380

Medicare Hospital Provider Number: 430049

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	225	11	10 - 19	237	11	8 - 17
Cancer	3	100	13 - 85	3	33	9 - 90
Cerebrovascular Accidents	8	25	11 - 68	6	0	9 - 59
Gastrointestinal Catastrophes	1	100	3 - 98	1	100	2 -100
Infectious Disease	2	0	0 - 92	1	0	1 - 97
Metabolic/Electrolyte Disorders	3	33	5 - 87	2	0	11 - 95
Pulmonary Disease	25	8	14 - 41	22	23	11 - 48
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	8	13	15 - 66	11	27	15 - 65
Severe Chronic Heart Disease	14	7	12 - 47	9	0	5 - 44
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	17	12	0 - 56	28	7	1 - 32
Gynecologic Disease	0	-	-	4	0	0 -100
Low-Risk Heart Disease	35	6	1 - 29	31	3	0 - 48
Musculoskeletal/Skin Conditions	14	7	0 - 90	25	4	0 - 38
Neuropsychiatric/Sensory Disease	12	8	0 - 95	10	10	2 - 54
Urologic Disease	11	0	0 - 74	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	50
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	80
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

COTEAU DES PRAIRIES HOSP

205 ORCHARD DRIVE
SISSETON, SD 57262

Medicare Hospital Provider Number: 430064

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	190	8	8 - 17	203	17	9 - 20
Cancer	5	40	16 - 87	4	50	6 - 83
Cerebrovascular Accidents	2	50	1 - 92	6	50	10 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 97
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	15	7	8 - 42	19	21	11 - 50
Renal Failure	1	0	2 - 98	2	50	6 - 95
Severe Acute Heart Disease	9	56	13 - 71	13	77	22 - 67
Severe Chronic Heart Disease	16	25	10 - 52	17	41	7 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	15	0	0 - 83	12	8	0 - 79
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	39	0	1 - 14	27	0	0 - 23
Musculoskeletal/Skin Conditions	13	0	0 - 90	13	0	1 - 41
Neuropsychiatric/Sensory Disease	9	0	0 - 99	6	0	0 -100
Urologic Disease	4	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 23
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 8
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: 0
Registered Nurses: 7
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CUSTER COMMUNITY HOSP

1039 MONTGOMERY ST
CUSTER , SD 57730

Medicare Hospital Provider Number: 430051

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	84	15	6 - 22	105	14	8 - 23
Cancer	2	100	8 - 91	0	-	-
Cerebrovascular Accidents	2	50	2 - 92	3	0	3 - 79
Gastrointestinal Catastrophes	0	-	-	2	0	3 - 88
Infectious Disease	1	100	0 -100	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 99	6	33	1 - 77
Pulmonary Disease	10	20	7 - 59	24	25	11 - 47
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	2	50	5 - 93	7	29	14 - 75
Severe Chronic Heart Disease	1	0	1 - 97	3	0	3 - 79
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 87	12	0	0 - 82
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	0	0 - 91	7	0	0 - 98
Musculoskeletal/Skin Conditions	12	8	0 - 79	5	0	0 -100
Neuropsychiatric/Sensory Disease	2	50	0 -100	3	0	0 -100
Urologic Disease	4	25	0 -100	6	17	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	10
Occupancy Rate (%):	40
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DAKOTA HOSP

BOX 316
VERMILLION, SD 57069

Medicare Hospital Provider Number: 430029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	211	9	9 - 18	215	7	9 - 16
Cancer	2	0	2 - 88	2	50	6 - 95
Cerebrovascular Accidents	6	33	8 - 74	8	25	6 - 65
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	3	33	2 - 86	5	0	7 - 65
Pulmonary Disease	38	13	16 - 40	27	11	11 - 39
Renal Failure	2	50	4 - 93	2	50	4 - 94
Severe Acute Heart Disease	3	33	6 - 87	3	33	11 - 92
Severe Chronic Heart Disease	8	38	9 - 69	10	10	4 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	1 - 23	16	0	1 - 35
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	20	5	0 - 50	18	0	1 - 31
Musculoskeletal/Skin Conditions	17	0	0 - 51	21	5	0 - 42
Neuropsychiatric/Sensory Disease	10	0	0 - 96	12	0	0 - 70
Urologic Disease	7	14	0 -100	14	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	47
Occupancy Rate (%):	26
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	25
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

DAKOTA MIDLAND HOSP

1400 FIFTEENTH AVE N W
ABERDEEN, SD 57401

Medicare Hospital Provider Number: 430072

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	560	8	8 - 14	730	6	8 - 13
Cancer	10	60	20 - 75	19	58	28 - 72
Cerebrovascular Accidents	22	27	19 - 56	26	19	16 - 48
Gastrointestinal Catastrophes	4	25	6 - 81	1	0	1 - 97
Infectious Disease	4	0	12 - 75	2	0	10 - 94
Metabolic/Electrolyte Disorders	9	22	6 - 63	8	13	6 - 61
Pulmonary Disease	34	15	13 - 40	44	16	13 - 38
Renal Failure	4	50	6 - 85	0	-	-
Severe Acute Heart Disease	17	47	22 - 67	13	31	19 - 67
Severe Chronic Heart Disease	31	16	11 - 39	37	19	11 - 38
Severe Trauma	1	0	0 - 98	1	0	0 - 97
Gastrointestinal Disease	45	4	0 - 23	66	0	1 - 8
Gynecologic Disease	7	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	51	0	1 - 10	78	3	2 - 11
Musculoskeletal/Skin Conditions	54	0	0 - 14	63	2	0 - 13
Neuropsychiatric/Sensory Disease	57	0	0 - 18	127	0	1 - 6
Urologic Disease	67	3	0 - 38	36	0	0 - 65

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	132
Occupancy Rate (%):	35
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	60
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DELL RAPIDS COMM HOSP

909 N IOWA
DELL RAPIDS, SD 57022

Medicare Hospital Provider Number: 430023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	221	14	9 - 19	253	14	11 - 20
Cancer	3	33	6 - 87	8	50	23 - 84
Cerebrovascular Accidents	9	33	9 - 66	14	14	11 - 52
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	2 - 92	2	0	7 - 91
Metabolic/Electrolyte Disorders	4	0	2 - 74	6	50	3 - 75
Pulmonary Disease	12	42	7 - 61	17	24	9 - 51
Renal Failure	2	0	10 - 95	3	33	7 - 89
Severe Acute Heart Disease	10	60	16 - 72	14	43	17 - 66
Severe Chronic Heart Disease	8	50	6 - 68	13	23	7 - 54
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	1 - 20	20	0	0 - 32
Gynecologic Disease	3	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	25	4	0 - 42	25	4	0 - 35
Musculoskeletal/Skin Conditions	27	4	0 - 44	26	0	0 - 32
Neuropsychiatric/Sensory Disease	3	0	0 -100	4	0	0 -100
Urologic Disease	4	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	29
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	75
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DESMET MEMORIAL HOSP

RR 2 BOX 28A
DESMET, SD 57231

Medicare Hospital Provider Number: 430024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	112	17	10 - 24	136	15	10 - 22
Cancer	4	100	13 - 76	3	67	3 - 86
Cerebrovascular Accidents	7	57	9 - 73	9	56	7 - 66
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 99
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	100	0 -100	4	25	2 - 81
Pulmonary Disease	15	20	13 - 55	15	13	8 - 47
Renal Failure	2	100	8 - 93	3	67	8 - 91
Severe Acute Heart Disease	3	0	9 - 81	7	29	12 - 73
Severe Chronic Heart Disease	9	22	10 - 64	10	20	5 - 58
Severe Trauma	1	0	0 - 98	1	0	1 - 97
Gastrointestinal Disease	11	0	0 -100	10	0	0 - 90
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	13	0	0 - 90	8	13	0 -100
Musculoskeletal/Skin Conditions	14	0	0 - 83	15	7	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	17
Occupancy Rate (%):	24
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DEUEL CO MEM HOSP

701 THIRD ST., BOX 757
CLEAR LAKE, SD 57226

Medicare Hospital Provider Number: 430065

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	43	21	7 - 33	88	15	6 - 22
Cancer	0	-	-	3	67	10 - 91
Cerebrovascular Accidents	2	50	4 - 92	5	40	3 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	8	38	11 - 71	10	20	4 - 58
Renal Failure	0	-	-	1	100	1 -100
Severe Acute Heart Disease	2	50	5 - 94	2	50	4 - 93
Severe Chronic Heart Disease	2	0	0 - 93	2	0	0 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 - 98	10	10	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	12	25	0 - 99	8	0	0 - 92
Musculoskeletal/Skin Conditions	3	0	0 -100	10	0	0 - 77
Neuropsychiatric/Sensory Disease	0	-	-	6	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	20
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Deuel County
Memorial Hospital

701 - 3rd Avenue South
P.O. Box 757
Clear Lake, South Dakota 57226

MEDICARE PROVIDER NUMBER 43-0065

October 11, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have received the hospital mortality information for Deuel County Memorial Hospital. The information has been reviewed and found to be correct. I do not have any further comments to make.

Sincerely,

Dennis Marquardt
Interim Administrator

DM:dmt

DOUGLAS CO MEM HOSP

BOX 26
ARMOUR, SD 57313

Medicare Hospital Provider Number: 430039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	10	4 - 29	63	19	7 - 27
Cancer	0	-	-	2	0	4 - 88
Cerebrovascular Accidents	0	-	-	3	67	4 - 86
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	50	2 - 92
Pulmonary Disease	4	0	4 - 70	8	13	12 - 64
Renal Failure	1	100	3 - 99	1	100	3 - 99
Severe Acute Heart Disease	2	0	4 - 88	1	100	1 - 97
Severe Chronic Heart Disease	2	50	0 - 98	2	100	2 - 88
Severe Trauma	0	-	-	1	100	3 - 98
Gastrointestinal Disease	3	0	0 -100	6	17	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	0	0 -100	9	0	0 - 97
Musculoskeletal/Skin Conditions	5	20	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	8	0	0 - 98
Urologic Disease	1	0	0 -100	3	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	9
Occupancy Rate (%):	27
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ESTELLINE COMMUNITY HOSP

BOX 129
ESTELLINE, SD 57234

Medicare Hospital Provider Number: 430088

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	83	17	11 - 28	70	10	8 - 23
Cancer	1	100	3 - 99	2	50	8 - 98
Cerebrovascular Accidents	6	0	11 - 61	3	0	6 - 79
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	25	4 - 80	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	20	30	14 - 54	7	14	4 - 64
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	3	67	4 - 86	4	75	13 - 86
Severe Chronic Heart Disease	7	14	5 - 63	4	25	3 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 97	12	0	0 - 60
Musculoskeletal/Skin Conditions	8	13	0 -100	12	0	0 - 79
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	16
Ownership/Control:	Local Government

STAFFING

Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

EUREKA COMM HOSP

410 9TH ST
EUREKA, SD 57437

Medicare Hospital Provider Number: 430062

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	113	10	7 - 19	172	8	9 - 17
Cancer	2	50	3 - 92	3	67	12 - 93
Cerebrovascular Accidents	6	0	11 - 61	4	25	7 - 80
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	9	22	9 - 63	14	29	11 - 58
Renal Failure	0	-	-	2	0	10 - 95
Severe Acute Heart Disease	4	50	11 - 87	3	0	6 - 79
Severe Chronic Heart Disease	6	17	4 - 68	11	18	9 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 49	20	5	1 - 34
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	13	8	0 - 98	17	6	0 - 72
Musculoskeletal/Skin Conditions	18	0	0 - 57	23	0	1 - 23
Neuropsychiatric/Sensory Disease	0	-	-	8	0	0 - 99
Urologic Disease	1	0	0 -100	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	25
Occupancy Rate (%):	32
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	73
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FAULK CO MEM HOSP

BOX 100
FAULKTON, SD 57438

Medicare Hospital Provider Number: 430025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	97	7	10 - 21	104	7	10 - 21
Cancer	1	0	0 - 99	1	100	2 -100
Cerebrovascular Accidents	2	0	0 - 93	6	0	13 - 63
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	1	0	0 - 97	3	33	5 - 86
Metabolic/Electrolyte Disorders	1	100	0 -100	0	-	-
Pulmonary Disease	17	18	11 - 49	18	11	17 - 50
Renal Failure	4	50	9 - 87	0	-	-
Severe Acute Heart Disease	6	0	27 - 76	5	20	12 - 79
Severe Chronic Heart Disease	2	0	2 - 88	1	0	0 - 99
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	11	0	0 - 96	10	0	0 - 89
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	7	0	0 - 99	9	0	0 - 75
Musculoskeletal/Skin Conditions	6	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 -100	9	0	0 - 99
Urologic Disease	5	0	0 - 96	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	16
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	1
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FIVE COUNTIES HOSP

401 6TH AVE WEST
LEMMON, SD 57638

Medicare Hospital Provider Number: 430080

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	39	3	4 - 19	66	6	7 - 21
Cancer	0	-	-	3	0	12 - 84
Cerebrovascular Accidents	2	0	1 - 89	1	0	0 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	5	0	3 - 65
Pulmonary Disease	3	0	1 - 81	10	20	10 - 61
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	2	0	1 - 90	3	0	1 - 85
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	4	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	8	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 - 97
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 30
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 4
Licensed Practical Nurses: 0

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

FLANDREAU MUNICIPAL HOSP

214 N PRAIRIE
FLANDREAU , SD 57028

Medicare Hospital Provider Number: 430041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	86	9	8 - 21	115	13	6 - 20
Cancer	3	67	14 - 96	3	100	10 - 83
Cerebrovascular Accidents	1	0	0 - 99	3	0	6 - 79
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	6	17	4 - 69	4	0	2 - 73
Pulmonary Disease	4	0	4 - 70	8	13	4 - 59
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	4	25	10 - 83	0	-	-
Severe Chronic Heart Disease	4	50	3 - 82	4	50	4 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 - 97	4	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	4	0	0 - 99	3	0	0 - 95
Musculoskeletal/Skin Conditions	11	0	0 - 86	18	0	0 - 49
Neuropsychiatric/Sensory Disease	2	0	0 -100	6	0	0 -100
Urologic Disease	4	0	0 -100	6	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	15
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

FREEMAN COMMUNITY HOSP

P O BOX 370
FREEMAN, SD 57029

Medicare Hospital Provider Number: 430036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	179	15	12 - 23	181	12	10 - 20
Cancer	3	100	12 - 84	1	0	0 - 98
Cerebrovascular Accidents	18	33	13 - 55	14	14	11 - 51
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	4	25	4 - 80	3	33	4 - 86
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	48	17	13 - 37	24	21	9 - 44
Renal Failure	3	67	5 - 88	7	29	17 - 84
Severe Acute Heart Disease	9	22	14 - 67	8	38	12 - 72
Severe Chronic Heart Disease	6	17	5 - 68	10	20	7 - 58
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	13	0	0 - 68	14	0	0 - 41
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	10	0	0 - 85	14	7	0 - 90
Musculoskeletal/Skin Conditions	16	0	0 - 47	22	5	0 - 72
Neuropsychiatric/Sensory Disease	8	13	0 -100	14	0	0 - 70
Urologic Disease	5	0	0 - 97	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	83
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GETTYSBURG MEMORIAL HOSP

606 GARFIELD
GETTYSBURG, SD 57442

Medicare Hospital Provider Number: 430042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	152	14	13 - 24	120	12	16 - 28
Cancer	2	50	8 - 97	1	100	3 - 99
Cerebrovascular Accidents	2	50	1 - 93	6	17	16 - 77
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	2	0	2 - 89
Metabolic/Electrolyte Disorders	1	100	1 - 97	2	0	1 - 90
Pulmonary Disease	28	21	18 - 50	25	12	19 - 48
Renal Failure	1	100	1 -100	1	100	1 - 97
Severe Acute Heart Disease	0	-	-	4	25	12 - 85
Severe Chronic Heart Disease	25	28	12 - 48	8	13	9 - 61
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	14	0 - 68	5	0	0 -100
Gynecologic Disease	4	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	14	0	0 - 43	9	0	0 - 61
Musculoskeletal/Skin Conditions	11	0	0 - 98	13	15	1 - 58
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 - 77
Urologic Disease	4	0	0 -100	1	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	28
Occupancy Rate (%):	29
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GREGORY COMMUNITY HOSP

400 PARK
GREGORY, SD 57533

Medicare Hospital Provider Number: 430047

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	251	12	11 - 20	233	8	9 - 17
Cancer	1	100	2 -100	3	33	9 - 90
Cerebrovascular Accidents	8	0	19 - 59	7	29	5 - 68
Gastrointestinal Catastrophes	2	50	3 - 92	2	0	7 - 91
Infectious Disease	0	-	-	2	0	2 - 89
Metabolic/Electrolyte Disorders	6	17	4 - 69	0	-	-
Pulmonary Disease	44	18	18 - 44	30	10	16 - 42
Renal Failure	3	100	13 - 88	0	-	-
Severe Acute Heart Disease	9	11	19 - 66	6	50	16 - 83
Severe Chronic Heart Disease	6	50	7 - 75	14	7	12 - 46
Severe Trauma	1	100	0 - 98	0	-	-
Gastrointestinal Disease	37	0	1 - 14	33	9	0 - 63
Gynecologic Disease	4	0	0 -100	0	-	-
Low-Risk Heart Disease	19	5	0 - 44	23	4	0 - 59
Musculoskeletal/Skin Conditions	33	0	0 - 21	30	0	1 - 17
Neuropsychiatric/Sensory Disease	9	0	0 - 80	10	0	0 -100
Urologic Disease	4	0	0 - 99	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	90
Occupancy Rate (%):	77
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HAND COUNTY MEM HOSP

423 W 2ND AVE
MILLER, SD 57362

Medicare Hospital Provider Number: 430031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	161	16	9 - 22	210	14	8 - 18
Cancer	0	-	-	5	80	23 - 90
Cerebrovascular Accidents	6	50	4 - 74	12	50	8 - 61
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	3 - 92	1	100	2 - 97
Metabolic/Electrolyte Disorders	1	0	0 - 99	1	0	0 -100
Pulmonary Disease	25	20	13 - 46	21	14	9 - 43
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	12	58	22 - 73	11	45	15 - 69
Severe Chronic Heart Disease	18	17	9 - 46	13	31	6 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	19	0	0 - 45	22	0	0 - 27
Gynecologic Disease	3	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	16	6	0 - 64	9	0	0 - 98
Musculoskeletal/Skin Conditions	7	0	0 -100	20	5	0 - 92
Neuropsychiatric/Sensory Disease	12	8	0 - 95	9	0	0 - 99
Urologic Disease	1	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	23
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HANS P PETERSON MEM HOSP

BOX 790
PHILIP, SD 57567

Medicare Hospital Provider Number: 430056

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	62	13	7 - 25	70	11	7 - 24
Cancer	2	50	4 - 92	2	50	5 - 93
Cerebrovascular Accidents	2	0	2 - 89	2	50	1 - 93
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 95	3	0	0 - 88
Pulmonary Disease	15	7	8 - 42	9	33	8 - 66
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	33	6 - 87	3	33	11 - 92
Severe Chronic Heart Disease	3	67	2 - 86	6	17	3 - 68
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	9	11	0 -100	7	0	0 - 96
Musculoskeletal/Skin Conditions	5	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	20
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

HOLY INFANT HOSP

P O BOX 158
HOVEN, SD 57450

Medicare Hospital Provider Number: 430060

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	53	11	7 - 25	47	2	9 - 21
Cancer	2	50	6 - 94	1	0	0 - 98
Cerebrovascular Accidents	0	-	-	2	0	1 - 92
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	3 - 98	1	100	1 -100
Metabolic/Electrolyte Disorders	1	0	0 - 97	0	-	-
Pulmonary Disease	5	20	2 - 75	8	0	9 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	67	9 - 90	1	0	1 - 97
Severe Chronic Heart Disease	3	33	0 - 93	5	0	4 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 - 86	9	0	0 - 99
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	5	0	0 - 98	2	0	0 -100
Musculoskeletal/Skin Conditions	2	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	6	0	0 - 95	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	30
Occupancy Rate (%):	10
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HURON REGIONAL MEDICAL CTR

4TH IOWA SE
HURON, SD 57350

Medicare Hospital Provider Number: 430011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	688	12	10 - 16	783	10	10 - 15
Cancer	20	45	26 - 69	24	38	26 - 65
Cerebrovascular Accidents	29	24	14 - 46	33	24	15 - 46
Gastrointestinal Catastrophes	12	33	12 - 64	7	29	7 - 70
Infectious Disease	11	27	15 - 66	8	38	8 - 70
Metabolic/Electrolyte Disorders	3	33	3 - 86	10	10	11 - 57
Pulmonary Disease	37	24	14 - 43	38	21	11 - 40
Renal Failure	1	100	2 -100	3	67	4 - 87
Severe Acute Heart Disease	39	33	24 - 55	43	42	28 - 58
Severe Chronic Heart Disease	16	25	7 - 51	30	20	12 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	100	4	0 - 13	97	5	0 - 15
Gynecologic Disease	11	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	63	5	1 - 17	73	1	2 - 10
Musculoskeletal/Skin Conditions	32	3	0 - 44	52	2	0 - 19
Neuropsychiatric/Sensory Disease	21	0	0 - 38	27	0	0 - 38
Urologic Disease	51	0	0 - 18	56	2	0 - 17

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 98
Occupancy Rate (%): 38
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 25
Percent of Physicians Who Are Board Certified Specialists: 60
Interns and Residents: 0
Registered Nurses: 64
Licensed Practical Nurses: 7

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

IPSWICH COMMUNITY HOSP

507 BLOEMENDAAL DR BOX 326
IPSWICH, SD 57451

Medicare Hospital Provider Number: 430030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	102	17	12 - 27	105	17	11 - 26
Cancer	1	100	3 - 98	5	20	13 - 80
Cerebrovascular Accidents	10	20	11 - 61	10	30	8 - 63
Gastrointestinal Catastrophes	1	100	3 - 98	1	100	1 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	0	-	-
Pulmonary Disease	18	28	12 - 53	16	38	9 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	11	55	16 - 70	13	23	20 - 65
Severe Chronic Heart Disease	8	0	7 - 49	5	20	3 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	0	0 -100	14	0	0 - 93
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	9	0	0 -100	11	0	0 - 76
Musculoskeletal/Skin Conditions	2	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	33	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	21
Occupancy Rate (%):	48
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

KINGSBURY COUNTY MEMORIAL HOSP

4TH AND MANOR AVENUE
LAKE PRESTON , SD 57249

Medicare Hospital Provider Number: 430020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	105	18	10 - 25	160	15	10 - 22
Cancer	0	-	-	3	33	10 - 90
Cerebrovascular Accidents	6	33	7 - 74	6	67	5 - 73
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	4	0	3 - 71	7	29	6 - 70
Pulmonary Disease	28	36	17 - 52	32	19	20 - 49
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	2	100	7 - 91	5	40	11 - 81
Severe Chronic Heart Disease	4	50	3 - 82	6	33	4 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 65	27	4	0 - 50
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	15	0	0 - 40	24	0	0 - 29
Musculoskeletal/Skin Conditions	7	0	0 -100	13	0	0 - 46
Neuropsychiatric/Sensory Disease	0	-	-	5	0	0 -100
Urologic Disease	3	33	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 86
Occupancy Rate (%): 65
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 1
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 10
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

LAKE AREA HOSP

NORTH FIRST ST
WEBSTER, SD 57274

Medicare Hospital Provider Number: 430038

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	279	11	13 - 21	243	13	12 - 21
Cancer	4	75	10 - 83	2	100	11 - 95
Cerebrovascular Accidents	11	9	14 - 55	8	38	9 - 69
Gastrointestinal Catastrophes	1	100	0 - 97	2	100	4 - 88
Infectious Disease	2	0	5 - 89	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	5	40	6 - 78
Pulmonary Disease	56	14	18 - 40	35	23	18 - 48
Renal Failure	0	-	-	1	100	3 - 98
Severe Acute Heart Disease	19	63	31 - 73	11	55	20 - 74
Severe Chronic Heart Disease	15	20	11 - 53	17	24	11 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	30	0	1 - 17	32	0	1 - 17
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	42	2	1 - 18	47	0	2 - 11
Musculoskeletal/Skin Conditions	17	0	0 - 41	22	0	0 - 48
Neuropsychiatric/Sensory Disease	8	0	0 - 98	3	0	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	44
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	16
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

TELEPHONE 345-3336

Lake Area Hospital

WEBSTER, S. DAK. 57274

Medicare Provider # 43-0038

October 24, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

ATTN: Sandra Kappert

Dear Ms. Kappert:

I noticed several errors in the hospital characteristics which are included in our Medicare hospital-specific mortality rate data. The subsequent information is straight forward and simple and merely indicates corrections needed.

1. Number of beds should be 34.
2. Percent of physicians who are Board Certified should be 100 percent as all of our physicians are Certified Family Practitioners.
3. Under specialty services, coronary care unit should be indicated as yes.

Thank you for your attention to this matter. For improved health care, I remain.

Respectfully,

Gilbert DeSpiegler

Gilbert DeSpiegler
Administrator

GD/bkr

LANDMANN-JUNGMAN MEMORIAL HOSP

600 BILLARS STREET
SCOTLAND, SD 57059

Medicare Hospital Provider Number: 430073

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	155	8	7 - 16	189	8	7 - 16
Cancer	3	67	4 - 86	4	0	15 - 78
Cerebrovascular Accidents	7	43	4 - 71	6	33	5 - 73
Gastrointestinal Catastrophes	0	-	-	2	0	2 - 89
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	13	23	14 - 60	13	31	13 - 62
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	0 - 98	4	25	10 - 84
Severe Chronic Heart Disease	13	8	8 - 45	10	40	7 - 64
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	16	0	0 - 37	17	0	0 - 48
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	20	10	0 - 63	22	5	0 - 57
Musculoskeletal/Skin Conditions	19	0	0 - 85	29	0	0 - 23
Neuropsychiatric/Sensory Disease	2	0	0 -100	5	0	0 -100
Urologic Disease	7	14	0 -100	8	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	39
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LJM
Hospital

Landmann-Jungman Memorial Hospital

P.O. Box 307 Scotland, South Dakota 57059 605-583-2226

October 20, 1988

Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Sirs:

Upon review of the information pertaining to this hospital to be published in the Medicare Hospital Mortality report, the following error was noted: The percent of physicians who are board certified specialists should be 50% as reported in the AHA 1986 survey of hospitals (copy attached). This facility currently has two physicians on active staff. One of which is a board certified surgeon.

Your assistance in correcting this information will be greatly appreciated.

Sincerely,

Michael G. Peterson
Administrator

MGP:jah

Enclosure

LOOKOUT MEMORIAL HOSP

1440 N MAIN
SPEARFISH, SD 57783

Medicare Hospital Provider Number: 430048

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	365	12	9 - 16	361	13	8 - 16
Cancer	5	40	19 - 90	7	71	19 - 80
Cerebrovascular Accidents	9	11	13 - 60	6	33	8 - 74
Gastrointestinal Catastrophes	6	50	8 - 76	5	60	13 - 84
Infectious Disease	1	100	2 - 98	1	100	3 - 98
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	27	30	16 - 52	21	24	13 - 51
Renal Failure	0	-	-	2	100	6 - 90
Severe Acute Heart Disease	20	55	19 - 61	16	44	18 - 65
Severe Chronic Heart Disease	15	47	8 - 56	13	31	4 - 56
Severe Trauma	2	0	1 - 89	2	0	1 - 91
Gastrointestinal Disease	31	0	0 - 21	32	3	1 - 25
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	50	0	2 - 10	31	6	0 - 51
Musculoskeletal/Skin Conditions	55	2	0 - 24	45	0	0 - 13
Neuropsychiatric/Sensory Disease	12	0	0 - 81	10	0	0 -100
Urologic Disease	12	0	0 - 99	15	0	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	35
Occupancy Rate (%):	40
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	20
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

MADISON COMMUNITY HOSP

917 NORTH WASHINGTON
MADISON, SD 57042

Medicare Hospital Provider Number: 430007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	305	10	8 - 16	397	9	9 - 16
Cancer	5	60	8 - 79	11	27	23 - 74
Cerebrovascular Accidents	10	10	11 - 56	11	18	11 - 58
Gastrointestinal Catastrophes	1	0	0 - 99	2	50	4 - 92
Infectious Disease	2	0	1 - 90	3	33	3 - 86
Metabolic/Electrolyte Disorders	10	40	10 - 67	5	0	1 - 70
Pulmonary Disease	23	17	14 - 47	34	18	13 - 41
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	13	31	16 - 65	20	30	28 - 67
Severe Chronic Heart Disease	14	21	11 - 54	17	24	6 - 48
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	26	4	0 - 39	30	0	1 - 18
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	40	0	1 - 14	44	5	1 - 20
Musculoskeletal/Skin Conditions	23	4	0 - 76	46	2	0 - 34
Neuropsychiatric/Sensory Disease	14	0	0 -100	19	0	0 - 62
Urologic Disease	8	13	0 -100	20	0	0 - 98

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	37
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MARSHALL CO MEM HOSP

P O BOX 230
BRITTON, SD 57430

Medicare Hospital Provider Number: 430022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	127	10	10 - 21	165	11	10 - 20
Cancer	3	100	11 - 84	1	0	1 - 97
Cerebrovascular Accidents	2	0	5 - 89	5	60	7 - 78
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	1	100	0 -100
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	22	23	18 - 54	16	25	16 - 59
Renal Failure	1	100	2 - 97	1	0	2 - 97
Severe Acute Heart Disease	4	50	8 - 84	5	40	16 - 86
Severe Chronic Heart Disease	5	40	3 - 77	14	29	10 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	25	0	0 - 24	22	0	1 - 26
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	19	0	0 - 33	30	0	0 - 20
Musculoskeletal/Skin Conditions	13	0	0 - 71	12	0	0 - 74
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 38
Occupancy Rate (%): 18
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 3
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 9
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MCKENNAN HOSP

800 E 21ST ST
SIOUX FALLS , SD 57101

Medicare Hospital Provider Number: 430016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,502	11	10 - 15	2,420	11	10 - 14
Cancer	167	37	34 - 54	145	36	33 - 54
Cerebrovascular Accidents	60	33	15 - 40	79	28	19 - 40
Gastrointestinal Catastrophes	12	50	10 - 64	15	53	14 - 64
Infectious Disease	24	46	21 - 62	15	33	14 - 62
Metabolic/Electrolyte Disorders	24	17	13 - 48	28	14	8 - 40
Pulmonary Disease	136	27	19 - 38	114	24	19 - 38
Renal Failure	7	43	11 - 80	6	33	14 - 84
Severe Acute Heart Disease	77	49	29 - 53	54	46	28 - 56
Severe Chronic Heart Disease	87	25	14 - 34	77	30	16 - 38
Severe Trauma	9	44	9 - 69	13	31	7 - 60
Gastrointestinal Disease	152	3	2 - 9	156	2	1 - 7
Gynecologic Disease	33	0	0 -100	25	0	0 -100
Low-Risk Heart Disease	175	3	2 - 8	173	4	1 - 9
Musculoskeletal/Skin Conditions	505	0	1 - 4	470	3	1 - 5
Neuropsychiatric/Sensory Disease	84	1	1 - 10	118	3	1 - 10
Urologic Disease	92	1	1 - 9	76	0	0 - 9

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	401
Occupancy Rate (%):	66
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	236
Percent of Physicians Who Are Board Certified Specialists:	81
Interns and Residents:	0
Registered Nurses:	320
Licensed Practical Nurses:	56

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

METHODIST HOSP

909 SOUTH MILLER STREET
MITCHELL , SD 57301

Medicare Hospital Provider Number: 430017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	499	11	10 - 16	558	9	8 - 14
Cancer	14	57	29 - 78	17	47	23 - 69
Cerebrovascular Accidents	29	17	13 - 43	18	22	13 - 52
Gastrointestinal Catastrophes	2	0	1 - 90	2	0	1 - 89
Infectious Disease	7	43	13 - 76	3	0	6 - 80
Metabolic/Electrolyte Disorders	1	0	0 -100	4	50	1 - 84
Pulmonary Disease	40	22	14 - 42	37	27	14 - 45
Renal Failure	5	40	12 - 86	2	50	6 - 95
Severe Acute Heart Disease	16	25	22 - 65	19	47	19 - 62
Severe Chronic Heart Disease	20	25	10 - 49	21	19	10 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	62	0	1 - 9	54	0	1 - 11
Gynecologic Disease	7	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	43	7	1 - 25	59	2	1 - 14
Musculoskeletal/Skin Conditions	46	2	0 - 39	62	2	0 - 14
Neuropsychiatric/Sensory Disease	18	6	0 - 58	25	0	0 - 77
Urologic Disease	35	0	0 - 35	39	3	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	53
Occupancy Rate (%):	49
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	34
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	0
Registered Nurses:	43
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

Methodist Hospital

909 South Miller Avenue Mitchell, South Dakota 57301-4199 Phone 605-996-5627

HOSPITAL - 430017 COMMENTS ON THE HCFA 1987 MORTALITY DATA

DATA VERIFICATION.

The data provided by HCFA indicated that a total of 499 Medicare patients were admitted to Methodist Hospital. The HCFA data also indicates that a total of 56 Medicare patients admitted to Methodist Hospital died within 30 days of admission. Of these, 38 died while still a patient of the hospital, while 18 died after discharge from the hospital.
Review of our hospital records indicate 800 Medicare admissions for the year 1987. Presumably, the discrepancy reflects multiple admissions of individual beneficiaries to our hospital.
Further review of our records indicate that a total of 56 patients died within 30 days of admission: 39 died while still an inpatient and 17 died after discharge from the hospital.
Two patients were noted to have incorrect dates of death as reported by HCFA. One patient expired while still an inpatient and not post-discharge as indicated by HCFA data.

RESULTS OF PRELIMINARY MEDICARE MEDICAL RECORD REVIEW

Our own review of the Medicare medical record data revealed that of the 56 Medicare patients who died within 30 days of admission, 46 (82%) had DNR (do not resuscitate) orders documented.

Our review also determined that of the 39 in-hospital deaths, three deaths were expected upon admission due to the terminal nature of the patient's illness; 17 had a significant possibility of death due to the nature of their illnesses.
Of the 17 patients who expired after discharge from Methodist Hospital, four were expected to die due to terminal disease and four had a significant possibility of dying after discharge due to the nature of their illnesses.

Medical record review also indicated that 40 (71%) of the 56 patients who died within 30 days of admission had documented comorbid conditions considered by HCFA to be significant.

Thirty-six (64%) of the 56 patients who died within 30 days of admission fell into the high risk category based on the patient's principal diagnosis.

MID-DAKOTA HOSP

P O BOX 307
CHAMBERLAIN, SD 57325

Medicare Hospital Provider Number: 430018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	216	8	10 - 18	226	12	11 - 20
Cancer	3	100	20 - 94	8	75	21 - 79
Cerebrovascular Accidents	2	100	7 - 90	8	63	13 - 72
Gastrointestinal Catastrophes	1	0	0 - 98	0	-	-
Infectious Disease	3	0	3 - 79	1	100	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	21	10	12 - 42	19	21	15 - 53
Renal Failure	3	67	8 -100	1	100	3 - 99
Severe Acute Heart Disease	6	33	18 - 84	11	55	17 - 70
Severe Chronic Heart Disease	14	7	10 - 45	8	13	12 - 63
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	15	0	0 - 66	15	0	1 - 36
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	14	0	0 - 83	13	0	0 - 73
Musculoskeletal/Skin Conditions	29	0	1 - 18	28	0	0 - 23
Neuropsychiatric/Sensory Disease	9	0	0 -100	8	0	0 - 99
Urologic Disease	4	0	0 -100	9	0	0 - 58

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	54
Occupancy Rate (%):	33
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	82
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MOBRIDGE REGIONAL HOSP

P O BOX 580
MOBRIDGE, SD 57601

Medicare Hospital Provider Number: 430040

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	324	14	8 - 16	384	15	10 - 18
Cancer	5	100	26 - 82	6	67	14 - 80
Cerebrovascular Accidents	12	33	7 - 59	15	53	10 - 58
Gastrointestinal Catastrophes	3	33	5 - 87	1	0	1 - 97
Infectious Disease	2	50	4 - 92	5	80	17 - 83
Metabolic/Electrolyte Disorders	6	33	5 - 73	1	0	0 -100
Pulmonary Disease	24	33	15 - 53	26	31	13 - 49
Renal Failure	1	100	1 - 97	2	50	5 - 94
Severe Acute Heart Disease	5	60	8 - 79	22	41	19 - 59
Severe Chronic Heart Disease	15	20	8 - 50	32	28	13 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	46	9	1 - 28	50	4	1 - 19
Gynecologic Disease	4	0	0 -100	6	0	0 -100
Low-Risk Heart Disease	35	6	1 - 26	36	8	1 - 32
Musculoskeletal/Skin Conditions	30	0	0 - 28	32	6	0 - 66
Neuropsychiatric/Sensory Disease	12	0	0 - 98	23	4	0 - 52
Urologic Disease	10	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	46
Occupancy Rate (%):	37
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	38
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NORTHERN HILLS GENERAL HOSP

61 CHARLES ST
DEADWOOD, SD 57732

Medicare Hospital Provider Number: 430004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	246	6	6 - 13	233	12	6 - 15
Cancer	3	100	10 - 83	7	86	18 - 74
Cerebrovascular Accidents	5	0	6 - 63	9	67	7 - 65
Gastrointestinal Catastrophes	2	0	4 - 89	0	-	-
Infectious Disease	1	0	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	13	15	4 - 52	1	0	0 -100
Pulmonary Disease	13	31	9 - 59	13	23	7 - 55
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	11	9	18 - 59	14	36	14 - 62
Severe Chronic Heart Disease	10	20	5 - 58	10	10	5 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	21	0	0 - 93	23	0	0 - 58
Gynecologic Disease	7	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	31	0	0 - 24	35	0	0 - 24
Musculoskeletal/Skin Conditions	37	0	0 - 22	31	0	0 - 43
Neuropsychiatric/Sensory Disease	5	0	0 -100	11	0	0 -100
Urologic Disease	21	0	0 - 95	13	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	39
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

PINE RIDGE, SD 57770

Medicare Hospital Provider Number: 430081

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	81	9	6 - 20	85	7	4 - 17
Cancer	2	50	8 - 97	0	-	-
Cerebrovascular Accidents	2	0	3 - 88	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 - 98	0	-	-
Pulmonary Disease	5	0	6 - 63	9	22	4 - 61
Renal Failure	3	67	6 - 88	1	0	0 - 99
Severe Acute Heart Disease	1	0	0 - 98	0	-	-
Severe Chronic Heart Disease	3	0	2 - 81	2	0	0 - 93
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 - 68	6	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	5	0	0 -100	11	0	0 -100
Musculoskeletal/Skin Conditions	12	0	0 -100	10	0	0 - 99
Neuropsychiatric/Sensory Disease	3	0	0 - 98	2	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#):	58
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	28
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

RAPID CITY, SD 57701

Medicare Hospital Provider Number: 430082

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	55	9	5 - 22	75	4	7 - 18
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	3	33	2 - 86	2	0	0 - 94
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 98
Infectious Disease	2	0	2 - 88	1	100	2 - 97
Metabolic/Electrolyte Disorders	4	25	2 - 81	2	0	3 - 88
Pulmonary Disease	2	50	6 - 95	5	20	7 - 75
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	1	100	1 - 97
Severe Chronic Heart Disease	1	0	0 -100	4	0	7 - 71
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	1	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	7	0	0 - 88	2	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	10	0	0 -100	9	0	0 -100
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	39
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	0
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

PHS INDIAN HOSP

EAGLE BUTTE, SD 57625

Medicare Hospital Provider Number: 430083

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	6	7 - 28	24	8	4 - 32
Cancer	2	50	8 - 98	1	100	3 - 98
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	0	-	-	1	0	0 -100
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	1 -100	0	-	-
Severe Chronic Heart Disease	2	0	1 - 92	4	0	5 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	0	-	-
Musculoskeletal/Skin Conditions	2	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	0	-	-
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	35
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

ROSEBUD, SD 57570

Medicare Hospital Provider Number: 430084

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	58	5	7 - 21	59	15	5 - 25
Cancer	1	100	3 -100	1	100	3 - 99
Cerebrovascular Accidents	2	0	4 - 88	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	2 - 97	0	-	-
Metabolic/Electrolyte Disorders	2	0	0 - 95	2	100	10 - 93
Pulmonary Disease	3	33	5 - 87	6	33	6 - 73
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	1 - 97	0	-	-
Severe Chronic Heart Disease	4	0	9 - 72	4	0	4 - 70
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	6	17	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	9	0	0 - 70
Musculoskeletal/Skin Conditions	2	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	29
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

PHS INDIAN HOSP

SISSETON, SD 57262

Medicare Hospital Provider Number: 430085

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	10	4 - 29	39	21	5 - 33
Cancer	1	100	0 - 97	0	-	-
Cerebrovascular Accidents	3	0	2 - 79	1	100	1 - 97
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	2	50	5 - 93
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 -100
Pulmonary Disease	2	0	0 - 97	2	50	1 - 93
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	0 - 98	1	100	1 - 97
Severe Chronic Heart Disease	2	0	3 - 88	4	0	3 - 71
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	1	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	2	0	0 -100
Musculoskeletal/Skin Conditions	0	-	-	5	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	2	0	0 -100
Urologic Disease	0	-	-	1	0	1 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	18
Ownership/Control:	Federal Government

STAFFING

Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PHS INDIAN HOSP

WAGNER, SD 57380

Medicare Hospital Provider Number: 430086

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	28	7	1 - 30	34	12	9 - 32
Cancer	0	-	-	2	100	11 - 98
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 93
Pulmonary Disease	3	33	0 - 91	3	0	3 - 79
Renal Failure	0	-	-	2	100	10 - 95
Severe Acute Heart Disease	0	-	-	1	0	1 - 97
Severe Chronic Heart Disease	1	0	0 -100	1	0	2 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	1	0	0 -100	2	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	4	0	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	1	0	0 -100	2	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	4	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 26
Ownership/Control: Federal Government

STAFFING

Interns and Residents: 0
Registered Nurses: 12
Licensed Practical Nurses: 1

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

PIONEER MEM HOSP

WASHINGTON ST BOX 368
VIBORG, SD 57070

Medicare Hospital Provider Number: 430057

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	16	8 - 21	173	16	8 - 20
Cancer	0	-	-	4	50	5 - 82
Cerebrovascular Accidents	5	80	6 - 74	9	67	8 - 66
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	13	23	5 - 55	9	11	4 - 57
Pulmonary Disease	19	21	13 - 51	20	35	11 - 53
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	75	6 - 80	5	20	8 - 75
Severe Chronic Heart Disease	15	40	11 - 59	15	40	9 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	8	0 -100	12	0	0 - 98
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	0	0 - 56	16	0	0 - 77
Musculoskeletal/Skin Conditions	23	4	1 - 33	12	0	0 - 94
Neuropsychiatric/Sensory Disease	4	0	0 -100	9	0	0 -100
Urologic Disease	5	0	0 -100	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	85
Occupancy Rate (%):	73
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	22
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PLATTE COMM MEM HOSP

PO BOX 818-609 E. 7TH
PLATTE, SD 57369

Medicare Hospital Provider Number: 430026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	72	22	7 - 27	73	15	7 - 24
Cancer	1	100	3 - 98	2	0	5 - 89
Cerebrovascular Accidents	5	40	6 - 78	5	20	3 - 74
Gastrointestinal Catastrophes	1	0	0 - 97	0	-	-
Infectious Disease	3	67	5 - 87	1	0	1 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	11	36	8 - 62	6	67	8 - 75
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	67	5 - 87	4	0	14 - 77
Severe Chronic Heart Disease	3	67	1 - 89	3	33	2 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	0	0 -100	4	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	25	0 -100	9	0	0 - 96
Musculoskeletal/Skin Conditions	8	0	0 - 97	14	0	0 - 65
Neuropsychiatric/Sensory Disease	0	-	-	3	0	0 -100
Urologic Disease	1	0	0 -100	2	50	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	69
Occupancy Rate (%):	80
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PRAIRIE LAKES HOSP

400 10TH AVENUE N W
WATERTOWN , SD 57201

Medicare Hospital Provider Number: 430005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	936	10	10 - 15	803	12	9 - 15
Cancer	29	24	23 - 56	16	63	29 - 75
Cerebrovascular Accidents	32	28	13 - 45	22	23	13 - 49
Gastrointestinal Catastrophes	4	25	2 - 82	4	50	8 - 84
Infectious Disease	8	50	15 - 76	5	40	8 - 80
Metabolic/Electrolyte Disorders	5	20	2 - 76	15	7	2 - 45
Pulmonary Disease	61	16	17 - 38	45	24	16 - 43
Renal Failure	3	67	5 - 88	7	43	19 - 88
Severe Acute Heart Disease	59	36	30 - 56	41	51	26 - 57
Severe Chronic Heart Disease	28	25	11 - 44	30	20	14 - 44
Severe Trauma	2	50	1 - 93	1	100	3 - 99
Gastrointestinal Disease	70	1	0 - 12	55	2	0 - 16
Gynecologic Disease	8	0	0 -100	14	7	0 -100
Low-Risk Heart Disease	83	2	2 - 11	66	5	1 - 17
Musculoskeletal/Skin Conditions	114	4	0 - 12	85	0	1 - 7
Neuropsychiatric/Sensory Disease	29	7	0 - 45	24	4	0 - 93
Urologic Disease	55	0	0 - 18	57	2	0 - 38

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	154
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	110
Licensed Practical Nurses:	60

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	Yes

RAPID CITY REGIONAL HOSP INC

1018 11TH STREET
RAPID CITY, SD 57701

Medicare Hospital Provider Number: 430077

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,453	10	9 - 13	2,616	10	9 - 13
Cancer	108	39	29 - 52	110	45	29 - 52
Cerebrovascular Accidents	77	30	18 - 40	68	25	16 - 38
Gastrointestinal Catastrophes	16	31	15 - 61	17	24	16 - 59
Infectious Disease	16	50	14 - 61	13	38	19 - 70
Metabolic/Electrolyte Disorders	8	25	2 - 68	13	46	6 - 60
Pulmonary Disease	84	21	19 - 39	91	20	17 - 37
Renal Failure	11	45	9 - 72	10	20	15 - 75
Severe Acute Heart Disease	121	39	27 - 47	119	35	31 - 51
Severe Chronic Heart Disease	89	18	15 - 33	68	22	15 - 36
Severe Trauma	4	25	4 - 80	8	38	4 - 69
Gastrointestinal Disease	199	3	1 - 7	201	2	1 - 7
Gynecologic Disease	41	0	0 -100	32	3	0 - 99
Low-Risk Heart Disease	222	2	2 - 6	217	4	1 - 8
Musculoskeletal/Skin Conditions	286	3	1 - 7	313	2	1 - 5
Neuropsychiatric/Sensory Disease	115	3	0 - 13	263	3	1 - 7
Urologic Disease	184	2	0 - 9	177	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	310
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	164
Percent of Physicians Who Are Board Certified Specialists:	74
Interns and Residents:	0
Registered Nurses:	271
Licensed Practical Nurses:	21

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SACRED HEART HOSP

501 SUMMIT
YANKTON , SD 57078

Medicare Hospital Provider Number: 430012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,227	12	10 - 15	1,256	10	10 - 14
Cancer	40	50	29 - 62	40	47	29 - 62
Cerebrovascular Accidents	41	29	17 - 45	40	25	17 - 45
Gastrointestinal Catastrophes	7	57	5 - 72	7	0	7 - 55
Infectious Disease	19	32	17 - 59	21	10	24 - 56
Metabolic/Electrolyte Disorders	8	38	7 - 69	14	14	8 - 51
Pulmonary Disease	88	24	18 - 38	62	27	16 - 40
Renal Failure	2	0	3 - 89	6	33	9 - 80
Severe Acute Heart Disease	51	49	25 - 54	58	41	27 - 54
Severe Chronic Heart Disease	47	23	15 - 40	46	22	14 - 39
Severe Trauma	2	0	1 - 89	2	100	0 - 93
Gastrointestinal Disease	119	4	1 - 11	121	0	2 - 6
Gynecologic Disease	25	0	0 -100	21	0	0 -100
Low-Risk Heart Disease	76	3	1 - 12	99	4	1 - 12
Musculoskeletal/Skin Conditions	117	2	1 - 8	115	3	0 - 14
Neuropsychiatric/Sensory Disease	39	0	0 - 27	44	0	1 - 12
Urologic Disease	133	2	0 - 13	117	1	0 - 8

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	275
Occupancy Rate (%):	67
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	43
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	4
Registered Nurses:	109
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SIOUX VALLEY HOSP

1100 S EUCLID AVE
SIOUX FALLS, SD 57101

Medicare Hospital Provider Number: 430027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,711	9	9 - 13	4,466	9	9 - 13
Cancer	194	31	36 - 55	178	37	37 - 57
Cerebrovascular Accidents	115	28	18 - 36	108	18	18 - 35
Gastrointestinal Catastrophes	27	26	23 - 60	17	41	18 - 64
Infectious Disease	31	39	21 - 58	6	50	8 - 77
Metabolic/Electrolyte Disorders	53	15	14 - 40	43	19	13 - 42
Pulmonary Disease	143	29	18 - 36	126	21	21 - 38
Renal Failure	21	19	13 - 64	19	42	15 - 71
Severe Acute Heart Disease	207	33	28 - 45	170	39	30 - 47
Severe Chronic Heart Disease	145	21	18 - 33	119	30	18 - 36
Severe Trauma	7	29	7 - 71	11	36	8 - 64
Gastrointestinal Disease	250	3	2 - 7	252	3	1 - 7
Gynecologic Disease	60	2	0 -100	49	0	0 - 99
Low-Risk Heart Disease	666	3	3 - 6	587	4	2 - 6
Musculoskeletal/Skin Conditions	782	2	1 - 5	723	1	1 - 4
Neuropsychiatric/Sensory Disease	225	0	1 - 5	368	1	1 - 5
Urologic Disease	194	1	0 - 6	179	1	1 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	456
Occupancy Rate (%):	76
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	278
Percent of Physicians Who Are Board Certified Specialists:	90
Interns and Residents:	9
Registered Nurses:	783
Licensed Practical Nurses:	69

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

SOUTHERN HILLS GENERAL HOSP

209 N 16TH ST P O BOX 940
HOT SPRINGS, SD 57747

Medicare Hospital Provider Number: 430044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	172	12	6 - 16	206	9	7 - 16
Cancer	2	100	7 - 90	8	50	14 - 75
Cerebrovascular Accidents	3	33	2 - 86	4	0	4 - 70
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	3	0	6 - 80	1	100	0 - 97
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	12	8	12 - 52	13	8	7 - 46
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	5	60	12 - 82	14	29	18 - 64
Severe Chronic Heart Disease	7	43	4 - 71	11	18	10 - 58
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	8	0 - 97	21	0	0 - 79
Gynecologic Disease	4	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	24	0	0 - 41	29	3	0 - 45
Musculoskeletal/Skin Conditions	17	0	0 - 64	12	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	13	0	0 -100
Urologic Disease	14	7	0 -100	15	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	74
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	10
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST BENEDICT HOSP

P O BOX B
PARKSTON , SD 57366

Medicare Hospital Provider Number: 430033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	126	19	8 - 23	129	22	8 - 23
Cancer	2	100	9 - 93	1	0	1 - 97
Cerebrovascular Accidents	14	43	9 - 58	14	50	10 - 60
Gastrointestinal Catastrophes	1	100	1 - 97	2	50	6 - 95
Infectious Disease	1	100	0 - 97	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	2 - 80
Pulmonary Disease	13	23	10 - 56	11	9	8 - 51
Renal Failure	1	100	2 - 97	0	-	-
Severe Acute Heart Disease	7	29	12 - 73	3	100	10 - 82
Severe Chronic Heart Disease	4	50	3 - 82	20	35	7 - 49
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	16	0	0 - 60	13	8	0 - 64
Gynecologic Disease	3	0	0 -100	2	50	0 -100
Low-Risk Heart Disease	20	0	0 - 57	19	21	0 - 90
Musculoskeletal/Skin Conditions	7	0	0 - 98	3	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 30
Occupancy Rate (%): 30
Ownership/Control: Church

STAFFING

Total Number of Physicians: 7
Percent of Physicians Who Are Board Certified Specialists: 57
Interns and Residents: 0
Registered Nurses: 5
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST BERNARDS PROVIDENCE HOSP

901 EAST VIRGIL AVENUE
MILBANK , SD 57252

Medicare Hospital Provider Number: 430010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	201	16	9 - 19	220	12	8 - 18
Cancer	3	67	11 - 92	8	63	16 - 76
Cerebrovascular Accidents	11	36	7 - 61	8	13	4 - 59
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	4	75	10 - 84	3	33	1 - 89
Pulmonary Disease	19	37	12 - 55	26	12	12 - 41
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	13	46	20 - 70	12	42	17 - 69
Severe Chronic Heart Disease	9	22	5 - 61	13	15	5 - 49
Severe Trauma	1	0	3 - 98	0	-	-
Gastrointestinal Disease	30	0	0 - 20	32	9	0 - 43
Gynecologic Disease	6	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	26	4	0 - 47	24	0	0 - 28
Musculoskeletal/Skin Conditions	18	6	0 - 98	20	0	0 - 57
Neuropsychiatric/Sensory Disease	7	14	0 -100	7	0	0 - 97
Urologic Disease	4	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	115
Occupancy Rate (%):	72
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	8
Percent of Physicians Who Are Board Certified Specialists:	25
Interns and Residents:	0
Registered Nurses:	10
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOSEPHS HOSP

1200 E 5TH AVE
MITCHELL, SD 57301

Medicare Hospital Provider Number: 430013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	778	8	9 - 14	813	10	9 - 15
Cancer	12	42	25 - 77	14	57	28 - 77
Cerebrovascular Accidents	17	29	11 - 54	22	27	14 - 51
Gastrointestinal Catastrophes	5	0	13 - 70	7	29	10 - 73
Infectious Disease	8	38	12 - 73	4	0	5 - 71
Metabolic/Electrolyte Disorders	22	14	12 - 47	17	6	11 - 44
Pulmonary Disease	55	13	17 - 38	49	14	15 - 38
Renal Failure	7	29	15 - 82	4	50	6 - 85
Severe Acute Heart Disease	26	50	22 - 60	23	39	19 - 58
Severe Chronic Heart Disease	31	10	15 - 39	35	31	15 - 46
Severe Trauma	0	-	-	2	50	1 - 93
Gastrointestinal Disease	81	1	1 - 10	68	1	1 - 11
Gynecologic Disease	4	0	0 -100	13	0	0 -100
Low-Risk Heart Disease	93	1	1 - 8	112	4	2 - 10
Musculoskeletal/Skin Conditions	85	1	0 - 10	70	0	1 - 8
Neuropsychiatric/Sensory Disease	25	4	0 - 75	23	4	0 - 78
Urologic Disease	38	0	0 - 66	51	0	0 - 13

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 120
Occupancy Rate (%): 33
Ownership/Control: Church

STAFFING

Total Number of Physicians: 30
Percent of Physicians Who Are Board Certified Specialists: 67
Interns and Residents: 0
Registered Nurses: 75
Licensed Practical Nurses: 20

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST LUKES MIDLAND REG MED CTR

305 S STATE ST
ABERDEEN, SD 57401

Medicare Hospital Provider Number: 430014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,479	9	9 - 14	1,431	9	9 - 14
Cancer	46	48	27 - 58	54	33	31 - 59
Cerebrovascular Accidents	46	13	20 - 42	38	29	14 - 44
Gastrointestinal Catastrophes	12	58	20 - 73	4	0	5 - 71
Infectious Disease	20	35	15 - 58	10	10	23 - 69
Metabolic/Electrolyte Disorders	23	4	8 - 37	24	13	7 - 41
Pulmonary Disease	96	21	17 - 37	90	18	18 - 37
Renal Failure	3	0	14 - 89	3	33	6 - 89
Severe Acute Heart Disease	51	41	26 - 54	47	34	24 - 52
Severe Chronic Heart Disease	43	21	12 - 38	58	21	14 - 37
Severe Trauma	2	50	1 - 93	0	-	-
Gastrointestinal Disease	144	2	1 - 8	126	2	1 - 9
Gynecologic Disease	22	0	0 -100	34	0	0 -100
Low-Risk Heart Disease	126	2	2 - 9	126	3	2 - 9
Musculoskeletal/Skin Conditions	200	2	1 - 7	195	3	1 - 7
Neuropsychiatric/Sensory Disease	23	0	0 - 65	40	0	0 - 18
Urologic Disease	145	1	1 - 6	122	2	0 - 10

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	160
Occupancy Rate (%):	56
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	52
Percent of Physicians Who Are Board Certified Specialists:	60
Interns and Residents:	0
Registered Nurses:	151
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MARYS HOSP

803 EAST DAKOTA
PIERRE , SD 57501

Medicare Hospital Provider Number: 430015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	619	11	8 - 14	661	11	9 - 15
Cancer	17	47	26 - 72	29	62	28 - 65
Cerebrovascular Accidents	16	38	6 - 54	25	40	17 - 55
Gastrointestinal Catastrophes	8	75	19 - 77	1	100	3 - 98
Infectious Disease	9	33	14 - 71	5	40	6 - 78
Metabolic/Electrolyte Disorders	3	0	1 - 84	2	0	0 - 96
Pulmonary Disease	35	20	13 - 42	34	18	15 - 43
Renal Failure	2	0	1 - 92	7	57	12 - 81
Severe Acute Heart Disease	19	53	18 - 61	16	50	22 - 68
Severe Chronic Heart Disease	36	11	12 - 35	42	26	14 - 41
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	58	5	0 - 27	58	2	0 - 16
Gynecologic Disease	2	0	0 -100	8	0	0 -100
Low-Risk Heart Disease	46	4	0 - 23	55	0	1 - 10
Musculoskeletal/Skin Conditions	98	3	0 - 14	101	0	2 - 6
Neuropsychiatric/Sensory Disease	29	0	0 - 29	21	0	0 - 78
Urologic Disease	24	0	0 - 76	36	6	0 - 69

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	86
Occupancy Rate (%):	45
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	34
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST MICHAELS HOSP

P O BOX 27
TYNDALL, SD 57066

Medicare Hospital Provider Number: 430037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	144	10	7 - 18	168	14	6 - 17
Cancer	1	0	0 - 98	0	-	-
Cerebrovascular Accidents	7	14	8 - 65	10	60	13 - 68
Gastrointestinal Catastrophes	1	0	1 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	1 - 97
Pulmonary Disease	18	17	11 - 48	10	40	11 - 67
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	3	33	3 - 86	8	63	13 - 73
Severe Chronic Heart Disease	7	14	3 - 64	5	0	6 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	12	17	0 - 99	24	0	0 - 37
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	25	0	0 - 25	18	0	0 - 48
Musculoskeletal/Skin Conditions	12	17	0 - 94	31	0	0 - 38
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	0	0 -100
Urologic Disease	11	0	0 - 98	10	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	47
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

STURGIS COMM HEALTH CARE CTR

949 HARMON BOX 279
STURGIS, SD 57785

Medicare Hospital Provider Number: 430028

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	288	11	9 - 17	316	7	9 - 16
Cancer	6	67	6 - 74	5	20	13 - 80
Cerebrovascular Accidents	12	58	6 - 60	9	11	9 - 57
Gastrointestinal Catastrophes	1	0	1 - 97	3	33	3 - 86
Infectious Disease	1	100	0 - 99	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	1 - 92
Pulmonary Disease	24	4	15 - 38	25	20	13 - 47
Renal Failure	2	50	6 - 95	0	-	-
Severe Acute Heart Disease	16	25	22 - 65	12	42	19 - 70
Severe Chronic Heart Disease	25	16	10 - 41	25	8	15 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	31	0	1 - 17	36	0	0 - 17
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	35	3	0 - 29	43	5	0 - 29
Musculoskeletal/Skin Conditions	28	0	0 - 33	33	0	0 - 25
Neuropsychiatric/Sensory Disease	9	0	0 - 75	13	0	0 - 99
Urologic Disease	11	0	0 - 99	15	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	114
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	12
Licensed Practical Nurses:	8

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Sturgis Community Health Care Center
Sturgis, South Dakota

Provider Number: 43-0028

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

WESKOTA MEMORIAL MED CTR

601 1ST ST, NE
WESSINGTON SPRINGS, SD 57382

Medicare Hospital Provider Number: 430066

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	110	14	13 - 26	143	11	9 - 20
Cancer	3	67	12 - 93	2	50	6 - 94
Cerebrovascular Accidents	8	25	10 - 68	9	56	6 - 66
Gastrointestinal Catastrophes	1	100	2 - 97	1	0	3 - 98
Infectious Disease	3	0	2 - 80	3	33	3 - 86
Metabolic/Electrolyte Disorders	2	0	4 - 89	1	0	0 - 99
Pulmonary Disease	18	22	13 - 53	20	30	11 - 51
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	3	67	9 - 89	4	50	7 - 83
Severe Chronic Heart Disease	7	14	5 - 63	8	0	17 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	4	0	0 -100	8	0	0 - 98
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	10	0	0 - 69	14	0	0 - 50
Musculoskeletal/Skin Conditions	10	0	1 - 51	13	0	0 - 78
Neuropsychiatric/Sensory Disease	4	0	0 -100	6	0	0 -100
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 28
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 5
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ALLEN MEMORIAL HOSP

719 WEST 4TH NORTH
MOAB, UT 84532

Medicare Hospital Provider Number: 460016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	69	22	4 - 25	77	9	4 - 19
Cancer	2	100	3 - 88	2	100	6 - 90
Cerebrovascular Accidents	1	0	0 - 99	1	100	3 - 99
Gastrointestinal Catastrophes	0	-	-	1	0	1 - 97
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	6	17	2 - 71	7	14	5 - 64
Renal Failure	1	100	0 - 99	1	100	1 - 97
Severe Acute Heart Disease	5	60	9 - 80	2	0	3 - 88
Severe Chronic Heart Disease	3	33	1 - 89	3	0	0 - 90
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 -100	11	9	0 -100
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	7	0	0 - 98	13	8	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	6	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	1	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	38
Occupancy Rate (%):	29
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ALTA VIEW HOSPITAL

9660 SOUTH 1300 EAST
SANDY, UT 84070

Medicare Hospital Provider Number: 460044

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	403	13	7 - 15	298	12	6 - 15
Cancer	3	100	12 - 84	6	33	6 - 74
Cerebrovascular Accidents	15	47	8 - 57	11	36	8 - 62
Gastrointestinal Catastrophes	4	75	6 - 81	4	25	4 - 80
Infectious Disease	3	33	2 - 86	1	0	0 - 99
Metabolic/Electrolyte Disorders	7	29	4 - 69	4	25	2 - 81
Pulmonary Disease	24	13	9 - 40	16	38	6 - 54
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	28	39	20 - 56	15	20	22 - 63
Severe Chronic Heart Disease	18	17	6 - 44	9	11	2 - 57
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	36	6	0 - 45	31	3	0 - 58
Gynecologic Disease	9	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	43	2	0 - 20	31	10	0 - 46
Musculoskeletal/Skin Conditions	46	7	0 - 36	42	2	0 - 34
Neuropsychiatric/Sensory Disease	9	0	0 -100	4	0	0 -100
Urologic Disease	8	0	0 -100	12	8	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	50
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	69
Licensed Practical Nurses:	19

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

AMERICAN FORK HOSP

170 NORTH 1100 EAST
AMERICAN FORK, UT 84003

Medicare Hospital Provider Number: 460023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	531	10	8 - 14	529	10	7 - 13
Cancer	7	29	19 - 80	5	60	11 - 82
Cerebrovascular Accidents	25	36	11 - 48	15	20	9 - 51
Gastrointestinal Catastrophes	7	14	13 - 70	5	40	5 - 78
Infectious Disease	9	44	8 - 68	9	11	9 - 59
Metabolic/Electrolyte Disorders	9	22	5 - 62	13	23	6 - 55
Pulmonary Disease	52	17	13 - 37	45	20	12 - 38
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	16	31	18 - 62	27	37	19 - 56
Severe Chronic Heart Disease	21	19	7 - 43	27	19	8 - 40
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	54	2	0 - 18	69	1	0 - 12
Gynecologic Disease	2	0	0 -100	10	0	0 -100
Low-Risk Heart Disease	49	2	0 - 17	55	5	1 - 20
Musculoskeletal/Skin Conditions	68	0	0 - 10	48	2	0 - 48
Neuropsychiatric/Sensory Disease	15	0	0 - 97	20	5	0 -100
Urologic Disease	41	0	0 - 33	33	3	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	72
Occupancy Rate (%):	54
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	38
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	64
Licensed Practical Nurses:	20

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

AMERICAN FORK HOSPITAL
170 North 1100 East, American Fork, Utah 84003, (801) 756-6001

October 18, 1988

Mrs. Sandra Kappert
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

There were several pieces of data that were inaccurate regarding the American Fork Hospital. We have 72 beds, not 41 beds. There are 43 physicians, not 36 physicians. We have 1.67 Registered Nurses per bed. There are .63 Licensed Practical Nurses per bed. Specialty services - Shock/Trauma or Burn Unit - No; Coronary Care Unit - Yes.

The American Fork Hospital requires all patients to meet discharge criteria. The American Fork Hospital has no PRO denials due to inappropriate discharges for 1987. The Hospital has a very aggressive Quality Assurance Department to assure patients receive quality. Again, we feel that this Gross Mortality Data does not accurately describe the situations that occur and should not be used as a negative to the Hospital.

Sincerely,

Craig M Smedley

Craig M. Smedley
Administrator

/cs

A member of INTERMOUNTAIN HEALTH CARE, INC. / A community hospital system serving the North End of Utah County

ASHLEY VALLEY MEDICAL CENTER

151 WEST 200 NORTH
VERNAL, UT 84078

Medicare Hospital Provider Number: 460030

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	189	13	8 - 18	200	9	8 - 17
Cancer	0	-	-	1	0	2 -100
Cerebrovascular Accidents	10	20	8 - 59	4	75	9 - 83
Gastrointestinal Catastrophes	1	0	1 - 97	4	25	4 - 80
Infectious Disease	2	50	4 - 93	5	60	8 - 79
Metabolic/Electrolyte Disorders	7	14	9 - 67	2	0	0 -100
Pulmonary Disease	6	33	4 - 73	8	13	6 - 59
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	13	46	12 - 63	10	50	17 - 72
Severe Chronic Heart Disease	12	33	6 - 58	14	7	7 - 43
Severe Trauma	1	0	0 - 99	0	-	-
Gastrointestinal Disease	11	9	0 - 96	20	0	0 - 63
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	17	0	0 - 45	16	0	0 - 51
Musculoskeletal/Skin Conditions	16	6	0 - 71	17	0	0 - 74
Neuropsychiatric/Sensory Disease	3	0	0 -100	6	0	0 -100
Urologic Disease	14	0	0 -100	12	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#):	36
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BEAR RIVER VALLEY HOSP

440 W 600 N
TREMONTON, UT 84337

Medicare Hospital Provider Number: 460039

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	70	10	4 - 20	92	9	6 - 19
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	1	100	1 - 97	2	0	0 - 93
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	5 - 89	0	-	-
Pulmonary Disease	5	20	4 - 74	13	15	7 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	1 - 97	4	75	10 - 83
Severe Chronic Heart Disease	5	20	3 - 74	5	60	2 - 78
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	10	0	0 - 99	13	0	0 - 74
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	8	0	0 - 97	12	0	0 - 92
Musculoskeletal/Skin Conditions	7	0	0 - 96	6	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	2	0	0 -100
Urologic Disease	4	25	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	25
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	94
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BEAVER VALLEY HOSPITAL

85 NORTH 400 EAST
BEAVER, UT 84713

Medicare Hospital Provider Number: 460035

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	109	12	7 - 20	91	13	7 - 22
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	6	33	4 - 73	1	100	0 - 99
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	6	17	5 - 69	0	-	-
Pulmonary Disease	8	13	2 - 62	11	9	5 - 49
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	57	14 - 77	7	43	10 - 74
Severe Chronic Heart Disease	12	17	6 - 52	9	22	5 - 61
Severe Trauma	0	-	-	1	0	0 - 97
Gastrointestinal Disease	11	0	0 - 60	12	8	0 - 95
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	12	0	0 - 96	6	17	0 -100
Musculoskeletal/Skin Conditions	8	0	0 -100	3	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	4	0	0 -100
Urologic Disease	7	0	0 -100	4	0	0 - 97

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	14
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

BRIGHAM CITY COMMUNITY HOSP

950 S 5TH W
BRIGHAM CITY, UT 84302

Medicare Hospital Provider Number: 460017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	287	13	7 - 15	317	12	8 - 16
Cancer	5	60	13 - 84	7	43	16 - 80
Cerebrovascular Accidents	7	29	7 - 69	8	25	5 - 65
Gastrointestinal Catastrophes	3	33	1 - 87	2	0	8 - 92
Infectious Disease	4	25	6 - 81	10	20	9 - 61
Metabolic/Electrolyte Disorders	12	33	5 - 60	11	45	10 - 65
Pulmonary Disease	11	36	10 - 64	19	16	12 - 48
Renal Failure	1	0	2 - 97	3	0	4 - 81
Severe Acute Heart Disease	11	45	12 - 66	7	29	10 - 71
Severe Chronic Heart Disease	11	27	4 - 58	12	33	4 - 58
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	35	3	0 - 37	25	0	0 - 47
Gynecologic Disease	4	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	20	5	0 - 66	21	0	0 - 34
Musculoskeletal/Skin Conditions	38	3	0 - 67	43	2	0 - 34
Neuropsychiatric/Sensory Disease	10	0	0 - 98	18	0	0 - 90
Urologic Disease	12	0	0 -100	16	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 50
Occupancy Rate (%): 30
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 17
Percent of Physicians Who Are Board Certified Specialists: 76
Interns and Residents: 0
Registered Nurses: 30
Licensed Practical Nurses: 10

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CASTLEVIEW HOSPITAL

300 NORTH HOSPITAL DR
PRICE, UT 84501

Medicare Hospital Provider Number: 460011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	558	8	10 - 15	574	13	9 - 16
Cancer	6	67	17 - 83	14	43	22 - 71
Cerebrovascular Accidents	17	6	12 - 42	15	33	13 - 59
Gastrointestinal Catastrophes	5	20	9 - 77	5	20	8 - 76
Infectious Disease	9	22	8 - 64	12	50	11 - 65
Metabolic/Electrolyte Disorders	25	24	9 - 47	24	25	6 - 46
Pulmonary Disease	55	11	14 - 34	35	14	14 - 40
Renal Failure	4	50	12 - 90	2	100	11 - 96
Severe Acute Heart Disease	25	40	19 - 57	23	35	22 - 60
Severe Chronic Heart Disease	27	11	10 - 37	17	24	7 - 49
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	43	2	0 - 21	58	2	1 - 13
Gynecologic Disease	7	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	57	2	1 - 13	69	1	1 - 11
Musculoskeletal/Skin Conditions	41	2	0 - 36	54	7	1 - 21
Neuropsychiatric/Sensory Disease	37	0	0 - 22	31	13	0 - 89
Urologic Disease	17	0	0 - 99	17	0	0 - 93

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	50
Occupancy Rate (%):	48
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	32
Percent of Physicians Who Are Board Certified Specialists:	63
Interns and Residents:	0
Registered Nurses:	50
Licensed Practical Nurses:	34

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CENTRAL VALLEY MEDICAL CTR

549 NORTH 400 EAST
NEPHI, UT 84648

Medicare Hospital Provider Number: 460032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	130	14	7 - 20	107	7	7 - 18
Cancer	1	100	1 - 97	0	-	-
Cerebrovascular Accidents	0	-	-	3	0	6 - 79
Gastrointestinal Catastrophes	1	100	0 - 98	0	-	-
Infectious Disease	2	0	2 - 89	1	0	0 - 97
Metabolic/Electrolyte Disorders	9	22	1 - 66	8	0	4 - 50
Pulmonary Disease	19	26	6 - 48	8	38	4 - 68
Renal Failure	1	0	3 - 99	0	-	-
Severe Acute Heart Disease	6	33	8 - 75	4	25	7 - 81
Severe Chronic Heart Disease	6	33	5 - 73	9	22	7 - 62
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	17	0 - 99	6	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	12	0	0 - 91	17	6	0 - 87
Musculoskeletal/Skin Conditions	10	0	0 -100	4	0	0 -100
Neuropsychiatric/Sensory Disease	5	0	0 -100	1	0	0 -100
Urologic Disease	2	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	22
Occupancy Rate (%):	27
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	9

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COTTONWOOD HOSPITAL

5770 S 300 E
MURRAY, UT 84107

Medicare Hospital Provider Number: 460006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,412	10	7 - 12	1,507	11	8 - 12
Cancer	40	57	22 - 54	36	44	25 - 59
Cerebrovascular Accidents	61	26	16 - 39	76	26	15 - 37
Gastrointestinal Catastrophes	10	30	13 - 68	12	50	14 - 68
Infectious Disease	11	36	12 - 66	22	36	11 - 53
Metabolic/Electrolyte Disorders	3	33	1 - 87	10	10	6 - 54
Pulmonary Disease	53	23	12 - 37	69	35	13 - 38
Renal Failure	4	0	8 - 77	3	67	3 - 87
Severe Acute Heart Disease	64	34	23 - 48	66	29	26 - 50
Severe Chronic Heart Disease	57	19	11 - 33	39	49	9 - 42
Severe Trauma	3	33	6 - 87	4	25	7 - 81
Gastrointestinal Disease	133	3	1 - 9	157	1	1 - 7
Gynecologic Disease	29	0	0 -100	29	0	0 -100
Low-Risk Heart Disease	104	4	1 - 12	121	2	1 - 8
Musculoskeletal/Skin Conditions	165	4	0 - 10	164	2	0 - 9
Neuropsychiatric/Sensory Disease	70	1	0 - 13	68	3	0 - 22
Urologic Disease	94	2	0 - 18	104	0	0 - 7

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	195
Occupancy Rate (%):	62
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	232
Percent of Physicians Who Are Board Certified Specialists:	71
Interns and Residents:	0
Registered Nurses:	135
Licensed Practical Nurses:	53

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DELTA COMMUNITY MEDICAL CENTER

126 SOUTH WHITE SAGE AVE
DELTA, UT 84624

Medicare Hospital Provider Number: 460027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	66	9	8 - 23	64	5	7 - 20
Cancer	0	-	-	1	100	1 - 97
Cerebrovascular Accidents	1	100	1 - 97	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	100	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	2 - 98
Pulmonary Disease	13	8	8 - 46	6	17	10 - 71
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	6	0	15 - 64	2	0	6 - 90
Severe Chronic Heart Disease	5	20	3 - 74	3	0	0 - 86
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	5	0	0 -100	10	0	0 - 89
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 - 92	7	0	0 - 95
Musculoskeletal/Skin Conditions	6	0	0 -100	8	0	0 - 99
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	4	0	0 - 92	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	20
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	13
Licensed Practical Nurses:	6

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DIXIE MEDICAL CENTER

544 SOUTH 400 EAST
ST. GEORGE, UT 84770

Medicare Hospital Provider Number: 460021

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,305	8	7 - 12	1,300	8	8 - 12
Cancer	38	32	22 - 54	36	36	31 - 65
Cerebrovascular Accidents	45	22	14 - 40	43	26	16 - 43
Gastrointestinal Catastrophes	12	17	12 - 58	4	0	2 - 72
Infectious Disease	7	14	9 - 66	7	43	10 - 74
Metabolic/Electrolyte Disorders	19	5	7 - 39	8	13	3 - 61
Pulmonary Disease	71	17	14 - 34	53	25	12 - 37
Renal Failure	4	25	3 - 82	4	75	13 - 89
Severe Acute Heart Disease	43	19	21 - 47	59	22	26 - 49
Severe Chronic Heart Disease	48	19	12 - 35	51	22	12 - 36
Severe Trauma	1	0	0 - 98	2	50	1 - 93
Gastrointestinal Disease	140	4	1 - 10	157	2	1 - 7
Gynecologic Disease	25	0	0 -100	24	0	0 -100
Low-Risk Heart Disease	106	4	1 - 11	126	1	2 - 7
Musculoskeletal/Skin Conditions	169	2	0 - 10	152	1	0 - 8
Neuropsychiatric/Sensory Disease	18	6	0 - 89	30	3	0 - 81
Urologic Disease	74	1	0 - 23	70	3	0 - 32

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 116
Occupancy Rate (%): 60
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 60
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 102
Licensed Practical Nurses: 36

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

DOXEY HATCH MEDICAL CENTER/HOSPITAL

1255 EAST 3900 SOUTH
SALT LAKE CITY, UT 84119

Medicare Hospital Provider Number: 460046

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	39	23	5 - 34	66	21	5 - 27
Cancer	3	100	13 - 85	5	100	18 - 73
Cerebrovascular Accidents	2	0	1 - 89	1	100	0 - 98
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 - 99	1	0	0 - 98
Metabolic/Electrolyte Disorders	0	-	-	5	0	3 - 65
Pulmonary Disease	6	33	2 - 75	4	100	17 - 79
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	2	50	1 - 93	3	0	2 - 80
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	1	100	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	0	-	-	4	50	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	14	0	0 - 98
Neuropsychiatric/Sensory Disease	0	-	-	0	-	-
Urologic Disease	0	-	-	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	30
Ownership/Control:	Private, For Profit

STAFFING

Interns and Residents:	2
Registered Nurses:	12
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DUCHESNE COUNTY HOSPITAL

250 W 3RD N
ROOSEVELT, UT 84066

Medicare Hospital Provider Number: 460019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	171	11	9 - 19	174	13	8 - 19
Cancer	1	0	0 -100	0	-	-
Cerebrovascular Accidents	6	17	4 - 68	5	40	5 - 77
Gastrointestinal Catastrophes	1	0	1 - 97	2	0	2 - 89
Infectious Disease	3	0	15 - 87	3	33	5 - 86
Metabolic/Electrolyte Disorders	5	40	2 - 79	7	14	5 - 64
Pulmonary Disease	19	26	8 - 49	22	14	10 - 43
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	57	12 - 76	8	50	15 - 75
Severe Chronic Heart Disease	8	13	13 - 64	15	20	5 - 49
Severe Trauma	1	0	3 - 98	0	-	-
Gastrointestinal Disease	19	0	0 - 85	16	0	1 - 35
Gynecologic Disease	3	0	0 -100	0	-	-
Low-Risk Heart Disease	29	3	0 - 36	20	5	0 - 64
Musculoskeletal/Skin Conditions	14	0	0 - 69	17	0	0 - 45
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	3	0	0 -100	5	0	0 - 78

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	32
Occupancy Rate (%):	(not available)
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	(not available)
Burn Unit:	(not available)
Medical/Surgical Intensive Care:	(not available)
Cardiac Intensive Care:	(not available)
Organ Transplant Service:	(not available)
Hospice Care:	(not available)

FILLMORE COMM MED CTR

674 SO HIGHWAY 99
FILLMORE, UT 84631

Medicare Hospital Provider Number: 460022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	52	10	6 - 24	63	19	11 - 31
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	2	0	3 - 88	3	0	8 - 81
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	0	1 - 90	2	50	5 - 94
Metabolic/Electrolyte Disorders	1	0	0 - 99	3	33	1 - 91
Pulmonary Disease	6	50	5 - 74	3	33	11 - 91
Renal Failure	0	-	-	1	0	1 - 97
Severe Acute Heart Disease	2	50	6 - 94	6	50	11 - 78
Severe Chronic Heart Disease	5	0	5 - 63	6	17	7 - 69
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	9	0	0 - 87	6	0	0 -100
Musculoskeletal/Skin Conditions	3	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	3	33	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	60
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	9
Percent of Physicians Who Are Board Certified Specialists:	44
Interns and Residents:	0
Registered Nurses:	7
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GARFIELD MEM HOSP

200 N 400 E
PANGUITCH, UT 84759

Medicare Hospital Provider Number: 460033

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	102	16	5 - 20	106	5	5 - 15
Cancer	2	50	7 - 96	2	100	10 - 94
Cerebrovascular Accidents	8	50	9 - 70	7	0	8 - 53
Gastrointestinal Catastrophes	3	67	1 - 89	2	0	1 - 90
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	7	29	2 - 71	9	0	5 - 45
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	3	0	5 - 79	4	0	7 - 71
Severe Chronic Heart Disease	3	0	3 - 79	3	0	1 - 83
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	0	0 - 96	21	0	0 - 91
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	14	14	0 - 98	9	0	0 -100
Musculoskeletal/Skin Conditions	10	0	0 - 99	11	9	0 -100
Neuropsychiatric/Sensory Disease	5	20	0 -100	10	0	0 - 97
Urologic Disease	3	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	33
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

GUNNISON VALLEY HOSPITAL

60 EAST 100 NORTH
GUNNISON, UT 84634

Medicare Hospital Provider Number: 460037

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	154	9	7 - 18	151	11	9 - 20
Cancer	4	50	7 - 83	6	83	23 - 83
Cerebrovascular Accidents	2	0	1 - 89	3	0	2 - 81
Gastrointestinal Catastrophes	1	100	3 - 98	2	100	7 - 91
Infectious Disease	2	50	3 - 92	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	3	0	1 - 84
Pulmonary Disease	10	20	9 - 60	18	6	9 - 39
Renal Failure	1	0	3 - 98	0	-	-
Severe Acute Heart Disease	9	33	13 - 70	11	18	18 - 65
Severe Chronic Heart Disease	11	9	5 - 49	10	20	3 - 58
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	17	0	0 - 64	8	13	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	22	0	0 - 39	23	4	0 - 45
Musculoskeletal/Skin Conditions	12	0	0 - 94	14	0	0 - 89
Neuropsychiatric/Sensory Disease	4	25	1 - 84	7	14	0 -100
Urologic Disease	7	0	0 - 92	4	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 21
Occupancy Rate (%): (not available)
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

HOLY CROSS HOSPITAL

1045 EAST 1ST SOUTH
SALT LAKE CITY, UT 84102

Medicare Hospital Provider Number: 460003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,274	9	8 - 12	2,527	11	8 - 13
Cancer	61	43	28 - 56	33	30	25 - 59
Cerebrovascular Accidents	78	23	16 - 36	85	36	18 - 40
Gastrointestinal Catastrophes	33	24	17 - 51	33	36	19 - 55
Infectious Disease	30	10	17 - 45	21	19	18 - 56
Metabolic/Electrolyte Disorders	38	16	8 - 39	45	38	9 - 43
Pulmonary Disease	104	18	14 - 32	116	24	13 - 32
Renal Failure	3	33	7 - 90	6	17	9 - 76
Severe Acute Heart Disease	70	30	26 - 50	108	32	30 - 50
Severe Chronic Heart Disease	85	24	12 - 31	119	21	13 - 30
Severe Trauma	9	22	9 - 65	6	50	4 - 75
Gastrointestinal Disease	135	1	1 - 7	157	3	1 - 9
Gynecologic Disease	28	0	0 -100	26	0	0 -100
Low-Risk Heart Disease	248	4	1 - 7	246	4	2 - 7
Musculoskeletal/Skin Conditions	239	2	0 - 6	249	5	1 - 8
Neuropsychiatric/Sensory Disease	127	2	1 - 10	171	1	1 - 6
Urologic Disease	104	3	0 - 19	108	5	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	293
Occupancy Rate (%):	56
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	268
Percent of Physicians Who Are Board Certified Specialists:	66
Interns and Residents:	0
Registered Nurses:	316
Licensed Practical Nurses:	55

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HUMANA HOSPITAL DAVIS NORTH

1600 WEST ANTELOPE DRIVE
LAYTON, UT 84041

Medicare Hospital Provider Number: 460041

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	527	10	9 - 15	548	10	9 - 15
Cancer	7	57	16 - 79	15	67	18 - 64
Cerebrovascular Accidents	25	16	16 - 47	19	32	11 - 52
Gastrointestinal Catastrophes	3	67	4 - 86	3	0	4 - 79
Infectious Disease	3	67	4 - 86	6	33	15 - 81
Metabolic/Electrolyte Disorders	17	0	9 - 37	15	0	8 - 37
Pulmonary Disease	35	20	15 - 44	22	18	9 - 44
Renal Failure	3	100	18 - 98	3	67	13 - 96
Severe Acute Heart Disease	24	67	22 - 59	27	22	26 - 58
Severe Chronic Heart Disease	35	11	10 - 34	32	28	10 - 42
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	33	0	0 - 27	54	2	0 - 15
Gynecologic Disease	12	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	58	0	1 - 9	62	3	0 - 18
Musculoskeletal/Skin Conditions	50	0	1 - 11	50	4	0 - 25
Neuropsychiatric/Sensory Disease	18	0	0 - 65	14	7	0 -100
Urologic Disease	42	0	0 - 39	36	0	0 - 60

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	110
Occupancy Rate (%):	36
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	63
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	74
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

1600 West Antelope Drive
Layton, Utah
84041
Telephone [illegible]

**Humana Hospital
Davis North**

WILLIAM L. ROPER, M.D.
Administrator, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

October 20, 1988

Dear Dr. Roper:

I appreciate the opportunity to comment on the Medicare Mortality data for 1987 to be published by the Health Care Finance Adminstration in December. Your efforts to provide data on our Hospital specifically, and the health care industry in general, is to be commended as is your effort to further refine this raw statistical data. However, the mortality information is limited and can only be used as a very small part of the complete measurement of quality.

The HCFA data provides a minimal portion of the extensive quality review conducted both concurrently and retrospectively on every patient admitted to Humana Hospital Davis North. A panel of several physicians reviews 100% of all deaths in detail each month, a much more significant and meaningful review than HCFA. Our well established quality program is also reviewed by many government and non-government agencies including the Joint Commission on Accreditation of Healthcare Organizations.

The Quality Assurance staff and Medical Staff have reviewed the statistics. Many of the deaths attributed to our hospital occurred after discharge and we are unable to validate your data. In one case a death attributed to this hospital was transfered to a specialty hospital and he expired the next day at the other hospital. In some categories the sample is too small, (3 patients in one case), to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way it is useless to consider them standard.

Our extensive, internal review of the deaths in two categories is summarized below:

DIAGNOSTIC CATEGORY: RENAL FAILURE
Only three patients in this category is not statistically significant.

- 100% directly admitted to the Intensive Care Unit.
- 100% had severe multiple system problems.
- One patient was 101, one 82 and one 66.
- 100% had Do Not Resuscitate (DNR) orders in the chart. (A DNR order indicates that the patient or his/her family recognize the severity of the illness and selected to avoid any heroic measures to keep the patient alive).

DIAGNOSTIC CATEGORY: SEVERE, ACUTE HEART DISEASE

- One patient was transfered to another hospital after 1 1/2 hours. He died the following day in the referral hospital.
- 100% of the patients were admitted through the Emergency Room.
- The average age of all patients is 76.
- The average age of those who died is 76.
- 59% had "DNR" orders recorded in their chart.
- 47% died within 24 hours or less of arrival in Emergency Room.
- 100% of the patients were admitted to the Cardiac Care Unit. This indicates that they were so severely ill they required life support and/or constant monitoring.

None of the information indicated above is made available by this release and it clearly indicates the inadequacy of the data by HCFA.

Further, the hospital characteristics as presented do not agree with the information provided to the American Hospital Association, the source of your information. It is hoped future data will be more accurate.

I appreciate this opportunity to provide you a more meaningful interpretation of the data.

Sincerely,

Dean Holman

Dean S. Holman
Executive Director

DSH:ss

KANE CO HOSP

220 WEST 300 NORTH
KANAB, UT 84741

Medicare Hospital Provider Number: 460018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	74	4	7 - 18	75	13	6 - 23
Cancer	0	-	-	2	50	3 - 92
Cerebrovascular Accidents	6	50	5 - 74	8	25	6 - 65
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	5	0	7 - 65	5	0	3 - 65
Pulmonary Disease	6	0	2 - 60	2	0	0 - 94
Renal Failure	0	-	-	2	100	9 - 94
Severe Acute Heart Disease	4	0	13 - 76	1	0	1 - 97
Severe Chronic Heart Disease	6	0	5 - 57	5	0	3 - 63
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	7	0	0 -100
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	4	0	0 -100	7	0	0 -100
Musculoskeletal/Skin Conditions	8	0	0 - 97	10	10	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	3	0	0 -100
Urologic Disease	4	0	0 -100	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	33
Occupancy Rate (%):	52
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LAKEVIEW HOSPITAL

630 EAST MEDICAL DRIVE
BOUNTIFUL, UT 84010

Medicare Hospital Provider Number: 460042

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	655	14	9 - 15	653	13	9 - 15
Cancer	8	63	12 - 73	8	0	15 - 56
Cerebrovascular Accidents	48	33	15 - 42	31	19	15 - 44
Gastrointestinal Catastrophes	7	29	7 - 70	4	0	6 - 72
Infectious Disease	8	63	5 - 68	13	23	14 - 62
Metabolic/Electrolyte Disorders	12	25	4 - 58	7	14	4 - 65
Pulmonary Disease	45	18	14 - 39	39	28	12 - 42
Renal Failure	1	100	2 - 97	4	75	7 - 84
Severe Acute Heart Disease	36	25	25 - 55	52	38	25 - 52
Severe Chronic Heart Disease	22	23	7 - 44	30	20	9 - 39
Severe Trauma	1	0	1 - 97	0	-	-
Gastrointestinal Disease	66	3	0 - 16	57	7	0 - 31
Gynecologic Disease	12	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	55	5	0 - 23	44	9	0 - 36
Musculoskeletal/Skin Conditions	71	0	0 - 9	65	2	0 - 16
Neuropsychiatric/Sensory Disease	10	10	0 -100	29	0	0 - 79
Urologic Disease	47	2	0 - 44	48	0	0 - 38

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	128
Occupancy Rate (%):	43
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	67
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	93
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LATTER-DAY SAINTS HOSPITAL

325 EIGHTH AVE
SALT LAKE CITY, UT 84143

Medicare Hospital Provider Number: 460010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	4,469	8	8 - 12	4,379	8	8 - 12
Cancer	163	27	28 - 47	146	26	28 - 48
Cerebrovascular Accidents	116	23	19 - 37	102	32	19 - 39
Gastrointestinal Catastrophes	34	21	22 - 54	44	41	18 - 51
Infectious Disease	16	25	16 - 59	36	42	22 - 58
Metabolic/Electrolyte Disorders	21	33	10 - 53	40	20	7 - 39
Pulmonary Disease	145	24	16 - 34	130	22	17 - 35
Renal Failure	22	18	3 - 58	27	15	6 - 57
Severe Acute Heart Disease	197	27	28 - 44	180	27	32 - 48
Severe Chronic Heart Disease	120	15	14 - 29	122	16	13 - 28
Severe Trauma	13	38	9 - 62	13	15	12 - 58
Gastrointestinal Disease	323	2	1 - 6	341	2	1 - 6
Gynecologic Disease	106	1	0 - 96	67	0	0 -100
Low-Risk Heart Disease	599	5	2 - 6	590	3	2 - 6
Musculoskeletal/Skin Conditions	500	2	1 - 5	499	2	1 - 5
Neuropsychiatric/Sensory Disease	144	3	1 - 9	139	4	0 - 12
Urologic Disease	292	2	0 - 6	267	1	0 - 6

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	487
Occupancy Rate (%):	70
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	334
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	38
Registered Nurses:	550
Licensed Practical Nurses:	43

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	Yes
Hospice Care:	No

LOGAN HOSPITAL

500 EAST 1400 NORTH
LOGAN, UT 84321

Medicare Hospital Provider Number: 460015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,079	10	8 - 13	1,119	9	8 - 13
Cancer	14	36	18 - 66	19	37	24 - 67
Cerebrovascular Accidents	42	33	14 - 43	46	30	13 - 40
Gastrointestinal Catastrophes	7	43	11 - 76	6	50	8 - 76
Infectious Disease	9	33	14 - 71	4	0	7 - 72
Metabolic/Electrolyte Disorders	24	21	10 - 47	28	11	6 - 38
Pulmonary Disease	61	16	16 - 37	57	18	14 - 37
Renal Failure	2	50	3 - 92	2	50	4 - 93
Severe Acute Heart Disease	60	27	27 - 51	53	30	30 - 56
Severe Chronic Heart Disease	36	8	13 - 34	37	24	9 - 38
Severe Trauma	1	0	1 - 97	2	50	2 - 92
Gastrointestinal Disease	93	2	1 - 10	109	2	1 - 9
Gynecologic Disease	12	0	0 -100	19	0	0 -100
Low-Risk Heart Disease	74	3	1 - 12	81	1	1 - 9
Musculoskeletal/Skin Conditions	156	3	0 - 12	141	2	0 - 9
Neuropsychiatric/Sensory Disease	29	3	0 - 53	46	4	1 - 21
Urologic Disease	85	1	0 - 17	61	7	0 - 59

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	148
Occupancy Rate (%):	49
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	80
Percent of Physicians Who Are Board Certified Specialists:	70
Interns and Residents:	0
Registered Nurses:	123
Licensed Practical Nurses:	14

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MCKAY-DEE HOSPITAL CENTER

3939 HARRISON BLVD
OGDEN, UT 84402

Medicare Hospital Provider Number: 460004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,292	8	8 - 12	2,401	10	8 - 12
Cancer	55	33	25 - 53	53	40	27 - 56
Cerebrovascular Accidents	88	22	17 - 36	93	25	18 - 37
Gastrointestinal Catastrophes	16	44	17 - 65	17	29	16 - 61
Infectious Disease	15	27	18 - 63	10	20	13 - 64
Metabolic/Electrolyte Disorders	16	19	6 - 50	15	27	11 - 58
Pulmonary Disease	75	19	15 - 36	83	34	14 - 37
Renal Failure	8	13	13 - 73	7	71	6 - 75
Severe Acute Heart Disease	116	26	27 - 45	106	29	26 - 46
Severe Chronic Heart Disease	101	19	14 - 31	103	26	15 - 34
Severe Trauma	7	29	8 - 71	8	25	8 - 68
Gastrointestinal Disease	168	2	1 - 7	213	4	1 - 8
Gynecologic Disease	40	0	0 - 100	40	0	0 - 100
Low-Risk Heart Disease	340	2	2 - 6	341	3	1 - 6
Musculoskeletal/Skin Conditions	238	2	1 - 6	271	1	1 - 5
Neuropsychiatric/Sensory Disease	76	7	0 - 22	83	5	0 - 23
Urologic Disease	122	1	0 - 9	98	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	428
Occupancy Rate (%):	61
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	224
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	293
Licensed Practical Nurses:	25

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

McKAY-DEE
HOSPITAL CENTER

3939 Harrison Blvd Ogden, Utah 84409 801-627-2800

October 18, 1988 **Hospital ID #460004**

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

During our review of the Medical Hospital Mortality Information, it came to our attention that the Hospital Characteristics are incorrect. Currently, McKay-Dee is licensed for 428 beds; our total number of physicians is 243; 62 percent of physicians are board certified specialists; residents per bed is 0.5; registered nurses per bed is 1.33; and licensed practical nurses per bed is 0.18. In addition, we do not provide organ transplant services.

I would appreciate it if you would make these corrections prior to publication. Thank you.

Sincerely,

Thomas F. Hanrahan
Administrator

/dh

A Facility of INTERMOUNTAIN HEALTH CARE / A community hospital system serving the Intermountain West

MILFORD VALLEY MEM HOSP

451 MAIN ST
MILFORD, UT 84751

Medicare Hospital Provider Number: 460025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	65	14	5 - 23	78	4	5 - 16
Cancer	1	0	2 - 97	0	-	-
Cerebrovascular Accidents	0	-	-	1	100	2 - 97
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 97
Infectious Disease	2	0	4 - 88	1	0	0 - 98
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 -100
Pulmonary Disease	8	13	5 - 59	7	0	3 - 53
Renal Failure	1	100	1 - 97	0	-	-
Severe Acute Heart Disease	4	50	7 - 83	3	33	8 - 89
Severe Chronic Heart Disease	2	100	0 - 97	3	0	1 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	5	0	0 -100
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	7	0	0 -100	6	0	0 -100
Musculoskeletal/Skin Conditions	7	14	0 -100	12	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	3	0	0 -100
Urologic Disease	0	-	-	4	0	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	34
Occupancy Rate (%):	77
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MONUMENT VALLEY HOSP

ROCK DOOR CANYON POB 4
MONUMENT VALLEY, UT 84536

Medicare Hospital Provider Number: 460024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	31	3	6 - 23	41	15	7 - 30
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	2 - 97
Metabolic/Electrolyte Disorders	1	0	0 -100	4	25	1 - 85
Pulmonary Disease	7	14	7 - 64	13	23	9 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	0	3 - 99	1	100	0 - 98
Severe Chronic Heart Disease	0	-	-	1	0	1 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	3	0	0 -100	3	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	2	0	0 -100	4	0	0 - 98
Musculoskeletal/Skin Conditions	3	0	0 -100	1	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	0	-	-
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	23
Occupancy Rate (%):	22
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	50
Interns and Residents:	0
Registered Nurses:	6
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MOUNTAINVIEW HOSP

1000 E HWY 6
PAYSON, UT 84651

Medicare Hospital Provider Number: 460013

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	654	11	7 - 12	750	11	6 - 12
Cancer	7	57	13 - 77	8	38	9 - 70
Cerebrovascular Accidents	17	29	11 - 54	27	19	15 - 46
Gastrointestinal Catastrophes	6	33	8 - 75	5	20	5 - 74
Infectious Disease	13	23	12 - 59	17	47	16 - 63
Metabolic/Electrolyte Disorders	7	14	4 - 65	11	0	5 - 42
Pulmonary Disease	26	15	11 - 42	36	28	12 - 43
Renal Failure	1	0	0 - 98	1	0	3 - 98
Severe Acute Heart Disease	23	35	22 - 60	19	53	16 - 59
Severe Chronic Heart Disease	25	16	8 - 39	21	24	6 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	82	9	1 - 19	85	2	0 - 12
Gynecologic Disease	6	0	0 -100	9	0	0 -100
Low-Risk Heart Disease	36	6	0 - 33	59	8	0 - 25
Musculoskeletal/Skin Conditions	143	2	0 - 9	153	1	0 - 6
Neuropsychiatric/Sensory Disease	14	0	0 - 74	32	3	0 - 68
Urologic Disease	46	0	0 - 24	36	0	0 - 27

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	118
Occupancy Rate (%):	39
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	43
Percent of Physicians Who Are Board Certified Specialists:	88
Interns and Residents:	0
Registered Nurses:	66
Licensed Practical Nurses:	30

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

OREM COMMUNITY HOSP

331 NORTH 400 WEST
OREM, UT 84057

Medicare Hospital Provider Number: 460043

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	47	4	1 - 22	43	5	1 - 24
Cancer	0	-	-	0	-	-
Cerebrovascular Accidents	0	-	-	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	1	0	0 -100	0	-	-
Metabolic/Electrolyte Disorders	1	0	0 -100	0	-	-
Pulmonary Disease	2	0	1 - 89	1	0	0 - 97
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	1	0	0 -100	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	4	0	0 -100
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	2	0	0 -100	3	0	0 -100
Musculoskeletal/Skin Conditions	18	0	0 -100	12	8	0 -100
Neuropsychiatric/Sensory Disease	8	0	0 -100	6	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	20
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	28
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

PIONEER VALLEY HOSPITAL

3460 SOUTH PIONEER PARKWAY
WEST VALLEY CITY, UT 84120

Medicare Hospital Provider Number: 460008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	630	10	8 - 13	645	12	8 - 14
Cancer	13	38	14 - 64	6	33	7 - 74
Cerebrovascular Accidents	12	25	7 - 56	25	36	12 - 50
Gastrointestinal Catastrophes	5	0	9 - 66	6	17	3 - 69
Infectious Disease	5	0	5 - 64	3	0	3 - 79
Metabolic/Electrolyte Disorders	14	14	8 - 51	11	18	5 - 56
Pulmonary Disease	34	35	13 - 46	44	36	10 - 41
Renal Failure	3	0	5 - 81	2	50	3 - 93
Severe Acute Heart Disease	33	39	20 - 53	36	42	21 - 54
Severe Chronic Heart Disease	26	23	9 - 43	25	16	8 - 39
Severe Trauma	2	0	0 - 93	1	100	1 - 97
Gastrointestinal Disease	59	2	1 - 14	50	2	0 - 31
Gynecologic Disease	6	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	75	1	1 - 10	58	5	1 - 20
Musculoskeletal/Skin Conditions	64	2	0 - 22	89	6	0 - 22
Neuropsychiatric/Sensory Disease	8	0	0 -100	13	0	0 - 93
Urologic Disease	12	0	0 -100	26	0	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	139
Occupancy Rate (%):	41
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	71
Percent of Physicians Who Are Board Certified Specialists:	72
Interns and Residents:	0
Registered Nurses:	104
Licensed Practical Nurses:	23

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

PIONEER
VALLEY
HOSPITAL

October 20, 1988

Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

ATTN: Mrs. Sandra Kappert

Dear Mrs. Kappert:

We appreciate the opportunity of reviewing the mortality information regarding Medicare patients treated during 1987. This information was utilized to perform a study of these patients with regards to their care at Pioneer Valley Hospital. We choose to focus on the three highest mortality rates which were pulmonary disease, cancer and severe heart disease.

Of these three categories, 30 patients expired within 30 days of admission resulting in their 1987 discharge with an average age of 75 years. Of these patients in each category, pulmonary disease, 35.2% were admitted in very poor condition, 8 were admitted with NCR orders and all 12 had other chronic, debilitating diseases which would compromise a positive outcome.

In the cancer category, 38.5% of these patients were admitted in very poor condition, all 5 were admitted with NCR orders and 4 had other systemic diseases which would contribute to their demise. In regards to the category of severe heart disease 39.3% were admitted in a severely compromised state with 7 patients out of 13 having NCR orders written upon admission. It is also important to note that all but one patient was admitted with other complicating conditions.

Data was collected for each case, and no trends or adverse effects of treatment were noted. The deaths were distributed evenly among treating physicians, thus identifying no pattern of inferior care.

Again, we appreciate the opportunity to study this mortality data in the hopes of identifying any possible problems that may be present in patient care.

Sincerely,

Kay Matsumura
Administrator

KM:sg

3460 South Pioneer Parkway
West Valley City, Utah 84120
Telephone (801) 964-3100

An Affiliate of
HEALTHTRUST
INC. The Hospital Company

SAN JUAN HOSP

384 WEST 300 NORTH
MONTICELLO, UT 84535

Medicare Hospital Provider Number: 460020

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	85	19	8 - 25	83	18	7 - 24
Cancer	1	100	3 - 99	1	100	1 - 97
Cerebrovascular Accidents	0	-	-	3	33	2 - 86
Gastrointestinal Catastrophes	2	50	1 - 94	0	-	-
Infectious Disease	2	100	7 - 91	2	100	2 - 89
Metabolic/Electrolyte Disorders	4	50	1 - 85	6	0	0 - 75
Pulmonary Disease	12	25	11 - 60	15	60	9 - 57
Renal Failure	3	67	10 - 92	0	-	-
Severe Acute Heart Disease	2	50	3 - 92	1	0	1 - 97
Severe Chronic Heart Disease	2	0	0 - 93	9	11	3 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	8	13	0 -100	3	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	5	0	0 -100	6	0	0 -100
Musculoskeletal/Skin Conditions	7	0	0 -100	10	0	0 -100
Neuropsychiatric/Sensory Disease	2	0	0 -100	1	0	0 -100
Urologic Disease	3	0	0 - 99	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	24
Occupancy Rate (%):	21
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	20
Interns and Residents:	0
Registered Nurses:	4
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SAN JUAN HOSPITAL
WE'RE WHERE YOU NEED US
P.O. BOX 308 • MONTICELLO, UTAH 84535 • (801) 587-2116

September 30, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Our Medical Records Department has reviewed the recently released Medicare Hospital Mortality Information report and finds that, on the whole, the figures reflect circumstances at our facility.

We would like to point out, however, a potential for misunderstanding in that the report shows a 100% mortality rate for cancer patients when, in fact, we cared for only one cancer patient in each of the years reflected in the report. That is, admittedly, 100%. However, the percentage figure can mislead the reader as to the quality of care at our facility. We ask the reader to note that all but two of the percentages are well within the predicted mortality range. In both exceptions, the reader should note the number of cases.

It is also of note that we do not operate a terminal care facility and very rarely care for terminally ill patients. We are, however, likely to occasionally admit an elderly terminally ill patient with a pre-existing condition for care during the last several days of life.

Sincerely,

SAN JUAN HOSPITAL

Rita Walker
Assistant Administrator of
Support Services/
Executive Secretary

smt

SANPETE HOSPITAL

1100 S MEDICAL DR
MOUNT PLEASANT, UT 84647

Medicare Hospital Provider Number: 460029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	75	16	7 - 25	98	10	9 - 22
Cancer	2	100	7 - 90	1	100	2 - 97
Cerebrovascular Accidents	4	100	4 - 70	2	0	1 - 92
Gastrointestinal Catastrophes	1	0	2 - 97	0	-	-
Infectious Disease	2	50	2 - 92	1	100	2 - 97
Metabolic/Electrolyte Disorders	1	0	0 -100	1	0	0 -100
Pulmonary Disease	5	20	12 - 79	7	14	8 - 65
Renal Failure	2	50	7 - 96	0	-	-
Severe Acute Heart Disease	5	0	9 - 65	14	36	16 - 64
Severe Chronic Heart Disease	1	0	0 -100	5	20	4 - 73
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	7	0	0 -100	6	0	0 - 99
Gynecologic Disease	2	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	8	0	0 -100	14	0	0 - 63
Musculoskeletal/Skin Conditions	5	20	0 -100	8	13	0 - 98
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	5	20	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	65
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	5
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	5
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SEVIER VALLEY HOSP

1100 N MAIN
RICHFIELD, UT 84701

Medicare Hospital Provider Number: 460026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	210	11	8 - 17	252	14	7 - 17
Cancer	2	0	12 - 97	1	0	1 - 97
Cerebrovascular Accidents	3	0	4 - 79	12	50	8 - 61
Gastrointestinal Catastrophes	5	20	5 - 74	0	-	-
Infectious Disease	5	60	9 - 80	2	50	7 - 96
Metabolic/Electrolyte Disorders	1	0	0 - 99	0	-	-
Pulmonary Disease	16	31	10 - 55	20	30	10 - 51
Renal Failure	0	-	-	1	100	2 - 97
Severe Acute Heart Disease	9	0	24 - 61	15	33	18 - 64
Severe Chronic Heart Disease	9	11	7 - 56	16	31	8 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	34	3	0 - 36	23	0	0 - 37
Gynecologic Disease	0	-	-	6	0	0 -100
Low-Risk Heart Disease	21	0	0 - 49	26	0	0 - 28
Musculoskeletal/Skin Conditions	14	7	0 - 84	21	5	0 - 74
Neuropsychiatric/Sensory Disease	18	6	0 - 99	18	17	0 - 78
Urologic Disease	1	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 42
Occupancy Rate (%): 29
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 8
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 18
Licensed Practical Nurses: 12

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

ST BENEDICT'S HOSPITAL

5475 ADAMS
OGDEN, UT 84403

Medicare Hospital Provider Number: 460005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,288	13	10 - 15	1,223	12	10 - 15
Cancer	48	54	25 - 56	50	54	35 - 65
Cerebrovascular Accidents	60	25	18 - 41	45	38	16 - 45
Gastrointestinal Catastrophes	20	35	15 - 58	10	0	18 - 55
Infectious Disease	11	18	12 - 61	9	56	17 - 75
Metabolic/Electrolyte Disorders	25	32	15 - 54	28	7	12 - 40
Pulmonary Disease	70	19	15 - 36	50	28	13 - 40
Renal Failure	5	60	11 - 85	7	43	7 - 77
Severe Acute Heart Disease	45	38	25 - 54	48	42	26 - 55
Severe Chronic Heart Disease	50	22	10 - 35	41	20	13 - 38
Severe Trauma	4	25	3 - 80	1	100	0 - 98
Gastrointestinal Disease	99	6	1 - 14	84	1	1 - 9
Gynecologic Disease	17	6	0 -100	11	0	0 -100
Low-Risk Heart Disease	133	6	1 - 12	122	3	1 - 10
Musculoskeletal/Skin Conditions	152	2	1 - 7	177	3	0 - 8
Neuropsychiatric/Sensory Disease	32	3	0 - 57	55	4	0 - 33
Urologic Disease	64	2	0 - 18	61	0	0 - 12

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 188
Occupancy Rate (%): 57
Ownership/Control: Church

STAFFING

Total Number of Physicians: 136
Percent of Physicians Who Are Board Certified Specialists: 70
Interns and Residents: 0
Registered Nurses: 182
Licensed Practical Nurses: 41

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

St. Benedict's HOSPITAL
A MEMBER OF HOLY CROSS HEALTH SYSTEM

TO: Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information

FROM: St. Benedict's Hospital
5475 South 500 East
Ogden, UT 84405-6978
Provider # 460005

DATE: October 22, 1988

SUBJECT: Errors found in HCFA Mortality Data

	Pt. ID	SURNAME	DATE OF ADMIT	DATE OF DISCHARGE
1.	[redacted]	[redacted]	[redacted]	[redacted]
	(Date of discharge should be [redacted], same day as date of death)			
2.	[redacted]	[redacted]	[redacted]	[redacted]
	(Date of discharge and death should be [redacted])			
3.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted] and discharge should be [redacted])			
4.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted] and discharge [redacted])			
5.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted] and discharge [redacted])			
6.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted])			
7.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit should be [redacted])			

Page 2

	Pt. ID	SURNAME	DATE OF ADMIT	DATE OF DISCHARGE
8.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted] and discharge [redacted])			
9.	[redacted]	[redacted]	[redacted]	[redacted]
	(Admit date should be [redacted] and discharge and death date should be [redacted])			
10.	[redacted]	[redacted]	[redacted]	[redacted]
		(Admit date should be [redacted]		

If you have any questions please contact Becky Carnahan at
(801) 479-2468

ST MARKS HOSP

1200 EAST 3900 SOUTH
SALT LAKE CITY, UT 84124

Medicare Hospital Provider Number: 460012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,152	9	7 - 11	2,229	9	7 - 11
Cancer	61	38	26 - 54	57	39	25 - 54
Cerebrovascular Accidents	58	31	18 - 42	66	29	18 - 41
Gastrointestinal Catastrophes	30	27	12 - 48	24	29	14 - 53
Infectious Disease	27	37	19 - 57	27	26	15 - 52
Metabolic/Electrolyte Disorders	23	17	8 - 45	11	64	10 - 64
Pulmonary Disease	76	14	15 - 34	86	19	14 - 34
Renal Failure	10	20	7 - 67	11	9	7 - 63
Severe Acute Heart Disease	82	33	25 - 48	76	36	25 - 48
Severe Chronic Heart Disease	58	22	11 - 34	52	29	12 - 38
Severe Trauma	10	30	8 - 65	9	44	3 - 68
Gastrointestinal Disease	176	4	1 - 9	217	1	1 - 5
Gynecologic Disease	35	0	0 -100	28	0	0 -100
Low-Risk Heart Disease	330	4	1 - 7	322	2	1 - 5
Musculoskeletal/Skin Conditions	316	2	1 - 5	360	2	1 - 5
Neuropsychiatric/Sensory Disease	50	4	0 - 40	74	0	0 - 10
Urologic Disease	104	2	0 - 14	95	2	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 306
Occupancy Rate (%): 53
Ownership/Control: Church

STAFFING

Total Number of Physicians: 149
Percent of Physicians Who Are Board Certified Specialists: 88
Interns and Residents: 0
Registered Nurses: 224
Licensed Practical Nurses: 30

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

TOOELE VALLEY REG MED CTR

211 SOUTH 100 EAST
TOOELE, UT 84074

Medicare Hospital Provider Number: 460014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	148	16	7 - 19	137	15	9 - 22
Cancer	1	0	3 - 98	5	40	15 - 85
Cerebrovascular Accidents	4	75	2 - 81	4	25	4 - 79
Gastrointestinal Catastrophes	4	50	4 - 82	1	0	2 - 97
Infectious Disease	1	100	2 - 97	1	0	0 - 99
Metabolic/Electrolyte Disorders	3	33	0 - 92	3	0	0 - 94
Pulmonary Disease	12	33	7 - 59	13	15	5 - 50
Renal Failure	1	0	1 - 97	0	-	-
Severe Acute Heart Disease	8	50	11 - 72	10	60	21 - 76
Severe Chronic Heart Disease	6	17	4 - 68	12	25	6 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	20	5	0 - 48	12	0	0 - 72
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	15	0	0 - 95	17	6	0 - 46
Musculoskeletal/Skin Conditions	9	11	0 -100	9	0	0 -100
Neuropsychiatric/Sensory Disease	1	0	0 -100	3	0	0 -100
Urologic Disease	16	0	0 -100	8	13	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	97
Occupancy Rate (%):	87
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	(not available)
Percent of Physicians Who Are Board Certified Specialists:	(not available)
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

UNIVERSITY OF UTAH HOSP

50 N MEDICAL DR
SALT LAKE CITY, UT 84123

Medicare Hospital Provider Number: 460009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,463	8	8 - 12	1,379	9	8 - 13
Cancer	66	27	28 - 54	68	22	34 - 59
Cerebrovascular Accidents	32	16	15 - 42	41	29	15 - 43
Gastrointestinal Catastrophes	13	15	15 - 59	9	22	12 - 67
Infectious Disease	9	22	13 - 68	15	13	17 - 57
Metabolic/Electrolyte Disorders	12	8	5 - 49	9	11	5 - 57
Pulmonary Disease	45	20	17 - 43	40	15	13 - 39
Renal Failure	27	11	3 - 55	15	7	0 - 72
Severe Acute Heart Disease	30	43	19 - 55	28	46	23 - 59
Severe Chronic Heart Disease	44	14	13 - 35	38	11	13 - 35
Severe Trauma	6	50	4 - 75	4	50	1 - 86
Gastrointestinal Disease	60	7	1 - 20	59	0	1 - 9
Gynecologic Disease	20	0	0 -100	22	0	0 -100
Low-Risk Heart Disease	97	3	1 - 11	99	4	2 - 12
Musculoskeletal/Skin Conditions	204	2	0 - 7	176	2	0 - 7
Neuropsychiatric/Sensory Disease	109	0	0 - 7	121	3	0 - 12
Urologic Disease	30	0	0 - 57	37	0	0 - 29

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	372
Occupancy Rate (%):	78
Ownership/Control:	State Government

STAFFING

Total Number of Physicians:	375
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	137
Registered Nurses:	572
Licensed Practical Nurses:	74

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	Yes
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

UTAH VALLEY REGIONAL MED CTR

1034 NORTH 500 WEST
PROVO, UT 84604

.Medicare Hospital Provider Number: 460001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	2,415	12	9 - 13	2,513	12	9 - 13
Cancer	67	43	27 - 54	66	47	27 - 54
Cerebrovascular Accidents	103	27	18 - 37	113	23	18 - 36
Gastrointestinal Catastrophes	11	36	9 - 64	23	65	18 - 59
Infectious Disease	45	29	22 - 52	32	38	22 - 58
Metabolic/Electrolyte Disorders	21	14	10 - 46	17	24	6 - 51
Pulmonary Disease	102	22	18 - 37	103	32	16 - 37
Renal Failure	4	25	5 - 83	1	0	0 -100
Severe Acute Heart Disease	124	35	27 - 46	105	25	27 - 46
Severe Chronic Heart Disease	96	31	14 - 33	87	22	13 - 32
Severe Trauma	9	22	6 - 63	10	40	9 - 67
Gastrointestinal Disease	216	3	1 - 8	256	4	1 - 7
Gynecologic Disease	37	0	0 -100	36	0	0 -100
Low-Risk Heart Disease	340	4	2 - 7	321	4	1 - 7
Musculoskeletal/Skin Conditions	280	3	1 - 6	304	3	1 - 6
Neuropsychiatric/Sensory Disease	57	0	1 - 10	45	4	0 - 33
Urologic Disease	116	3	0 - 18	106	3	0 - 19

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	335
Occupancy Rate (%):	66
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	225
Percent of Physicians Who Are Board Certified Specialists:	59
Interns and Residents:	0
Registered Nurses:	272
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

UTAH VALLEY
REGIONAL MEDICAL CENTER

1034 North 500 West P O Box 390 Provo Utah 84603
(801) 373-7850
Mark J Howard Executive Director
Keith D. Tintle, Administrator

Hospital I.D. #460001

October 21, 1988

460001

Mrs. Sandra Kappert
Health Standards and Quality Bureau
HCFA
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I am writing in behalf of Utah Valley Regional Medical Center, Provo, Utah. I have reviewed the mortality information which was sent to us in September. All seems appropriate with exception of the 1986 mortality rate for gastrointestinal catastrophes. There was a change in the number of patients included in this category from the information we received last year. According to the list we now have there are 23 cases included rather than the 51 which were reported to us last year. I do not find that there was any change in the number of deaths, only the number of patients which were included in this diagnostic category. I have reviewed each of the 14 cases which were reported as deaths and find them to be appropriately categorized. However, if we had 14 deaths and 23 cases were our total, the mortality rate should be 61% rather than 65%. We would appreciate that change being made before the morality information is published.

I am including a copy of our mortality information with this correction on it so you can more easily see the item which I am referring to.

If you have any questions or if I can be of any help in explaining this, please contact me at area code 801-379-7405.

Sincerely,

Merlene M. Southworth

Merlene M. Southworth
Director
Quality Assessment/Risk Management

MMS/ba

A member of IHC HOSPITALS, INC. · A community hospital system serving the Intermountain West

VALLEY VIEW MEDICAL CTR

595 SOUTH 75 EAST
CEDAR CITY, UT 84720

Medicare Hospital Provider Number: 460007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	208	10	6 - 15	222	11	5 - 14
Cancer	4	25	10 - 84	3	33	6 - 87
Cerebrovascular Accidents	6	33	6 - 73	6	33	2 - 74
Gastrointestinal Catastrophes	1	0	0 - 99	0	-	-
Infectious Disease	2	100	5 - 89	0	-	-
Metabolic/Electrolyte Disorders	7	14	1 - 68	7	0	5 - 54
Pulmonary Disease	14	21	7 - 52	15	33	9 - 56
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	8	38	16 - 76	8	25	17 - 74
Severe Chronic Heart Disease	7	0	7 - 53	4	25	1 - 82
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	13	8	0 -100	18	0	0 - 80
Gynecologic Disease	14	0	0 -100	4	0	0 -100
Low-Risk Heart Disease	18	0	0 - 49	26	4	0 - 52
Musculoskeletal/Skin Conditions	30	3	0 - 45	48	4	0 - 77
Neuropsychiatric/Sensory Disease	3	0	0 -100	7	14	0 -100
Urologic Disease	4	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 48
Occupancy Rate (%): 27
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 17
Percent of Physicians Who Are Board Certified Specialists: 88
Interns and Residents: 0
Registered Nurses: 29
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

WASATCH COUNTY HOSPITAL

55 SOUTH 500 EAST
HEBER CITY, UT 84032

Medicare Hospital Provider Number: 460036

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	155	17	7 - 19	173	17	7 - 19
Cancer	1	0	3 - 99	3	33	4 - 86
Cerebrovascular Accidents	7	57	7 - 72	5	80	10 - 76
Gastrointestinal Catastrophes	0	-	-	1	100	1 - 97
Infectious Disease	3	67	2 - 86	2	0	3 - 88
Metabolic/Electrolyte Disorders	4	25	0 - 88	1	100	0 -100
Pulmonary Disease	25	20	9 - 43	24	29	9 - 47
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	29	11 - 72	10	30	12 - 66
Severe Chronic Heart Disease	7	57	2 - 72	9	11	7 - 56
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 87	15	7	0 - 98
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	15	7	0 - 97	25	0	0 - 39
Musculoskeletal/Skin Conditions	13	0	0 -100	14	7	0 - 88
Neuropsychiatric/Sensory Disease	4	0	0 -100	5	20	0 -100
Urologic Disease	7	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 40
Occupancy Rate (%): 50
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 8
Percent of Physicians Who Are Board Certified Specialists: 63
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

CAMPBELL CO MEM HOSP

501 S BURMA AVE
GILLETTE, WY 82716

Medicare Hospital Provider Number: 530002

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	218	9	7 - 16	250	17	10 - 20
Cancer	7	57	19 - 83	9	44	15 - 73
Cerebrovascular Accidents	7	14	7 - 64	13	38	11 - 61
Gastrointestinal Catastrophes	1	0	0 - 99	2	0	3 - 88
Infectious Disease	3	33	6 - 87	5	40	7 - 79
Metabolic/Electrolyte Disorders	2	50	0 - 97	4	0	4 - 71
Pulmonary Disease	13	23	7 - 54	17	24	13 - 54
Renal Failure	1	0	0 - 99	0	-	-
Severe Acute Heart Disease	7	43	10 - 74	11	27	17 - 68
Severe Chronic Heart Disease	7	0	5 - 52	11	36	10 - 64
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	18	0	0 - 53	21	5	0 - 81
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	25	4	0 - 38	27	11	0 - 52
Musculoskeletal/Skin Conditions	41	0	0 - 17	26	0	0 - 57
Neuropsychiatric/Sensory Disease	7	29	0 -100	6	0	0 -100
Urologic Disease	4	0	0 -100	6	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	105
Occupancy Rate (%):	43
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	32
Percent of Physicians Who Are Board Certified Specialists:	69
Interns and Residents:	0
Registered Nurses:	77
Licensed Practical Nurses:	37

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

COMMUNITY HOSPITAL

2000 CAMPBELL DR
TORRINGTON, WY 82240

Medicare Hospital Provider Number: 530018

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	309	11	8 - 16	339	11	8 - 15
Cancer	5	60	14 - 85	4	75	7 - 81
Cerebrovascular Accidents	12	25	10 - 59	7	14	9 - 65
Gastrointestinal Catastrophes	1	0	0 - 99	1	100	0 - 98
Infectious Disease	4	50	5 - 82	1	0	3 - 98
Metabolic/Electrolyte Disorders	3	0	1 - 85	4	25	1 - 82
Pulmonary Disease	33	12	11 - 37	23	13	12 - 43
Renal Failure	1	100	2 - 97	2	50	7 - 96
Severe Acute Heart Disease	12	25	19 - 67	15	27	15 - 59
Severe Chronic Heart Disease	13	38	8 - 58	11	9	11 - 53
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	33	3	1 - 24	25	4	0 - 34
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	34	3	1 - 22	38	0	1 - 15
Musculoskeletal/Skin Conditions	31	3	0 - 35	37	3	0 - 54
Neuropsychiatric/Sensory Disease	14	0	0 - 84	18	22	0 -100
Urologic Disease	8	0	0 -100	15	0	0 - 74

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 53
Occupancy Rate (%): 42
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 46
Percent of Physicians Who Are Board Certified Specialists: 85
Interns and Residents: 0
Registered Nurses: 21
Licensed Practical Nurses: 11

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Community Hospital

MEDICARE PROVIDER
# 53-0018

2000 Campbell Drive
Torrington, Wyoming 82240

September 29, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

Community Hospital's actual mortality rate (%) did not fall within HCFA's range for predicted mortality (%) in one diagnostic category in the 1987 HCFA Medicare Mortality Study. Community Hospital discharged one patient in 1987 with renal failure. Renal disease is a high risk category. This patient expired within 30 days of admission due to the condition, age and severity of illness. Due to the one patient that expired within the diagnostic category of renal disease, Community Hospital's actual mortality rate was 100% with a given predicted mortality rate of 2-98%. This does and should not reflect the quality of care at Community Hospital.

Sincerely,

Douglas A. McMillan
Hospital Administrator

DAM/val

Owned and operated by Lutheran Hospitals & Homes Society

CONVERSE CO MEM HOSP

1115 SOUTH 5TH ST
DOUGLAS, WY 82633

Medicare Hospital Provider Number: 530005

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	158	19	11 - 24	184	11	11 - 21
Cancer	5	100	31 - 87	3	100	19 - 92
Cerebrovascular Accidents	6	50	7 - 75	11	18	17 - 64
Gastrointestinal Catastrophes	4	75	8 - 82	3	67	10 - 90
Infectious Disease	1	0	3 -100	1	100	3 - 99
Metabolic/Electrolyte Disorders	5	60	3 - 78	2	0	1 - 92
Pulmonary Disease	17	18	15 - 53	23	13	15 - 46
Renal Failure	0	-	-	2	0	6 - 91
Severe Acute Heart Disease	10	40	17 - 73	5	40	8 - 79
Severe Chronic Heart Disease	9	33	3 - 64	7	0	3 - 52
Severe Trauma	1	0	0 - 98	0	-	-
Gastrointestinal Disease	13	0	0 - 64	22	9	0 - 73
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	20	0	0 - 49	13	0	0 - 67
Musculoskeletal/Skin Conditions	16	0	0 - 72	13	0	0 - 60
Neuropsychiatric/Sensory Disease	6	0	0 - 92	7	0	0 -100
Urologic Disease	3	0	0 -100	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	44
Occupancy Rate (%):	25
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	67
Interns and Residents:	0
Registered Nurses:	19
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

CONVERSE COUNTY MEMORIAL HOSPITAL
111 S. 5th Street
Douglas, Wyoming 82633
307-358-2122

Paul A. Balerud
Administrator

Medicare Provider #: 530005

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: Comments to be published with 1987 Mortality Report

In response to the 1987 Mortality Study, attention should be brought to the fact that, because of the method of reporting discharges and deaths, some deaths reported for one hospital one year will also be reported and calculated in the mortality rate of another hospital the next year, thus being reported twice. Two cases on our report brought this to light. Both patients were admitted at the end of December 1987. Because the patients both were so severely ill upon admission, they were immediately transferred, in their best interests, to a larger, more sophisticated facility. Both patients expired within 19 days after being transferred. Thus, because these patients' last discharges in 1987 were from our facility and they expired within 30 days, they are included on our report. A call to HCFA headquarters confirmed the fact that these same two patients, whose last discharges in 1988 will have been from the receiving hospital and both having expired within 30 days of admission, will also be reported on that hospital's report and calculated into their mortality rate for the year 1988.

It is not my intention to suggest that, in every transfer situation, the receiving hospital be cited for the death. It is my intention, however, to point out to to the public that:

1) the statistics for any hospital may be inflated since some deaths are actually reported twice,

2) one must be careful in making any assumptions or conclusions based on such statistics and,

3) statistics alone cannot be used to make any judgements about the quality of care received at any facility. All of the details of each individual case must be considered before any judgements can be made. For example, these numbers do

> not indicate the seriousness of the condition of the patient upon admission, they do not indicate the circumstances of the discharge (i.e., transfer to a specialist at a larger facility, patient leaving Against Medical Advice), and they do not indicate the condition of the patient upon discharge or the circumstances following discharge (i.e., the patient may have refused to follow the instructions of the physician or the patient may have been discharged perfectly healthy but died within 30 days due to injuries received in an automobile accident.)

These are things that the general public should be aware of when reviewing these statistics and that, hopefully, HCFA will take into consideration for future studies.

Sincerely,

Paul A Balerud

Paul A. Balerud
Administrator

PAB/ks

CROOK COUNTY MEM HOSPITAL

713 OAK STREET
SUNDANCE, WY 82729

Medicare Hospital Provider Number: 530031

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	47	9	5 - 23	24	17	2 - 39
Cancer	1	0	3 - 99	1	100	3 - 98
Cerebrovascular Accidents	1	0	1 - 97	0	-	-
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	0	0 - 99
Pulmonary Disease	7	14	8 - 65	2	50	0 - 96
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	3 - 99	0	-	-
Severe Chronic Heart Disease	2	0	0 - 93	1	100	1 - 97
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	17	0 -100	0	-	-
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	8	0	0 -100	4	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 -100	0	-	-
Neuropsychiatric/Sensory Disease	1	0	0 -100	1	0	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	48
Occupancy Rate (%):	43
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	4
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	8
Licensed Practical Nurses:	2

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

DEPAUL HOSP

2600 EAST 18TH ST
CHEYENNE, WY 82001

Medicare Hospital Provider Number: 530001

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	919	9	8 - 13	882	10	7 - 12
Cancer	30	47	24 - 60	23	39	19 - 59
Cerebrovascular Accidents	22	23	12 - 48	22	36	12 - 52
Gastrointestinal Catastrophes	8	25	11 - 69	16	31	17 - 63
Infectious Disease	8	38	11 - 71	5	40	7 - 79
Metabolic/Electrolyte Disorders	7	0	4 - 54	9	44	2 - 68
Pulmonary Disease	33	30	10 - 43	45	22	11 - 38
Renal Failure	1	0	0 - 98	0	-	-
Severe Acute Heart Disease	30	47	22 - 57	22	32	21 - 60
Severe Chronic Heart Disease	53	15	11 - 32	43	26	9 - 37
Severe Trauma	4	25	6 - 81	1	0	0 - 98
Gastrointestinal Disease	62	0	1 - 9	84	1	1 - 9
Gynecologic Disease	10	0	0 -100	5	0	0 -100
Low-Risk Heart Disease	129	3	1 - 9	113	2	1 - 8
Musculoskeletal/Skin Conditions	114	4	0 - 11	105	1	0 - 8
Neuropsychiatric/Sensory Disease	44	0	0 - 21	57	2	0 - 29
Urologic Disease	32	3	0 - 73	35	3	0 - 96

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	121
Occupancy Rate (%):	56
Ownership/Control:	Church

STAFFING

Total Number of Physicians:	97
Percent of Physicians Who Are Board Certified Specialists:	6
Interns and Residents:	0
Registered Nurses:	103
Licensed Practical Nurses:	17

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

IHC - EVANSTON REGIONAL HOSP

190 ARROWHEAD DR
EVANSTON, WY 82930

Medicare Hospital Provider Number: 530032

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	128	11	5 - 17	137	12	6 - 18
Cancer	1	0	3 - 99	0	-	-
Cerebrovascular Accidents	1	0	0 - 98	2	50	1 - 93
Gastrointestinal Catastrophes	0	-	-	1	0	0 - 99
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	2	0	1 - 92	5	0	3 - 65
Pulmonary Disease	8	13	3 - 60	12	25	7 - 57
Renal Failure	1	100	1 -100	1	0	1 - 97
Severe Acute Heart Disease	2	100	6 - 90	8	50	12 - 73
Severe Chronic Heart Disease	7	29	3 - 69	10	10	4 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 65	10	0	0 -100
Gynecologic Disease	2	50	0 - 96	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 83	17	6	0 - 69
Musculoskeletal/Skin Conditions	12	0	0 - 98	15	0	0 - 76
Neuropsychiatric/Sensory Disease	4	0	0 -100	1	0	0 -100
Urologic Disease	4	0	0 -100	7	14	0 - 95

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	42
Ownership/Control:	Private, Non-profit

STAFFING

Interns and Residents:	0
Registered Nurses:	15
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	Yes
Organ Transplant Service:	No
Hospice Care:	No

IVINSON MEM HOSP

255 NORTH 30TH
LARAMIE, WY 82070

Medicare Hospital Provider Number: 530025

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	601	8	8 - 13	576	10	8 - 14
Cancer	17	47	19 - 65	16	38	26 - 72
Cerebrovascular Accidents	12	25	8 - 57	19	37	10 - 53
Gastrointestinal Catastrophes	8	0	10 - 53	9	44	5 - 67
Infectious Disease	4	50	10 - 86	4	75	9 - 83
Metabolic/Electrolyte Disorders	4	50	1 - 85	8	38	1 - 73
Pulmonary Disease	34	18	13 - 41	24	29	13 - 50
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	23	43	20 - 60	30	53	23 - 58
Severe Chronic Heart Disease	18	22	7 - 47	17	6	10 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	52	2	1 - 15	52	0	0 - 11
Gynecologic Disease	11	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	30	3	0 - 31	31	0	1 - 16
Musculoskeletal/Skin Conditions	78	0	0 - 8	74	1	0 - 13
Neuropsychiatric/Sensory Disease	23	0	0 - 78	24	0	0 - 80
Urologic Disease	85	0	0 - 7	75	1	1 - 11

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	44
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	39
Percent of Physicians Who Are Board Certified Specialists:	95
Interns and Residents:	0
Registered Nurses:	107
Licensed Practical Nurses:	18

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

JOHNSON COUNTY MEM HOSP

497 WEST LOTT STREET
BUFFALO, WY 82834

Medicare Hospital Provider Number: 530026

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	163	13	7 - 19	157	15	7 - 19
Cancer	4	50	7 - 83	6	67	13 - 79
Cerebrovascular Accidents	8	50	4 - 68	5	20	5 - 74
Gastrointestinal Catastrophes	0	-	-	2	50	2 - 92
Infectious Disease	1	0	1 - 97	0	-	-
Metabolic/Electrolyte Disorders	6	0	8 - 60	6	17	0 - 80
Pulmonary Disease	14	21	7 - 52	7	29	6 - 69
Renal Failure	1	100	2 - 98	0	-	-
Severe Acute Heart Disease	8	50	11 - 72	2	50	1 - 92
Severe Chronic Heart Disease	8	0	8 - 49	10	10	6 - 52
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	14	0	0 - 51	10	10	0 - 98
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	16	0	0 - 76	15	7	0 - 58
Musculoskeletal/Skin Conditions	18	6	0 - 81	24	4	0 - 36
Neuropsychiatric/Sensory Disease	10	0	0 - 95	12	0	0 - 66
Urologic Disease	3	0	0 - 91	2	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	83
Occupancy Rate (%):	69
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	16
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	17
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LANDER VALLEY REGIONAL MED CTR

1320 BISHOP RANDALL DRIVE
LANDER, WY 82520

Medicare Hospital Provider Number: 530010

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	329	13	8 - 16	412	14	9 - 16
Cancer	7	86	22 - 78	15	67	24 - 70
Cerebrovascular Accidents	17	18	8 - 47	9	11	4 - 55
Gastrointestinal Catastrophes	3	0	3 - 79	0	-	-
Infectious Disease	3	0	10 - 82	5	60	5 - 78
Metabolic/Electrolyte Disorders	3	0	2 - 81	1	0	0 -100
Pulmonary Disease	21	24	13 - 51	24	21	12 - 47
Renal Failure	1	100	2 -100	2	100	9 - 93
Severe Acute Heart Disease	12	58	12 - 64	20	40	20 - 61
Severe Chronic Heart Disease	16	19	14 - 54	24	17	8 - 40
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	9	0 - 81	23	0	0 - 32
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	37	3	0 - 28	40	2	1 - 20
Musculoskeletal/Skin Conditions	38	0	0 - 25	47	4	0 - 35
Neuropsychiatric/Sensory Disease	15	0	0 - 90	20	0	0 - 33
Urologic Disease	11	9	0 -100	28	0	0 - 22

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	107
Occupancy Rate (%):	28
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	35
Percent of Physicians Who Are Board Certified Specialists:	86
Interns and Residents:	0
Registered Nurses:	51
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

LANDER VALLEY REGIONAL MEDICAL CENTER
1320 BISHOP RANDALL DR.
LANDER, WYOMING 82520
(307) 332-4420

October 5, 1988

Health Care Financing Administration
Attention: Sandra Kappert
Meadows East Building 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

In reviewing the Medicare Hospital Mortality information for L.V.R.M.C., we only noted two errors, as follows:

1. Under hospital characteristics, specialty services: coronary care unit should read yes, and organ transplant service should read no.

Please correct.

Sincerely,

Dave Brown /lf

Dave Brown, FACHE
Administrator

Enclosure

MEMORIAL HOSP OF HOT SPRINGS

HOT SPRINGS STATE PARK
THERMOPOLIS, WY 82443

Medicare Hospital Provider Number: 530004

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	295	10	9 - 17	269	12	8 - 16
Cancer	7	57	26 - 90	6	83	24 - 85
Cerebrovascular Accidents	5	60	8 - 79	5	60	6 - 77
Gastrointestinal Catastrophes	2	50	3 - 92	1	0	0 - 99
Infectious Disease	1	0	0 - 98	0	-	-
Metabolic/Electrolyte Disorders	6	0	8 - 60	2	50	0 - 94
Pulmonary Disease	26	19	13 - 46	29	17	16 - 46
Renal Failure	1	0	3 - 98	1	0	1 - 97
Severe Acute Heart Disease	9	78	24 - 77	5	20	8 - 75
Severe Chronic Heart Disease	10	10	8 - 53	15	33	8 - 55
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	44	0	2 - 12	38	3	0 - 23
Gynecologic Disease	3	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	38	0	1 - 14	32	6	0 - 43
Musculoskeletal/Skin Conditions	40	0	0 - 16	38	3	0 - 23
Neuropsychiatric/Sensory Disease	7	0	0 - 98	8	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	49
Occupancy Rate (%):	35
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	7
Percent of Physicians Who Are Board Certified Specialists:	43
Interns and Residents:	0
Registered Nurses:	18
Licensed Practical Nurses:	3

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

HOT SPRINGS COUNTY
MEMORIAL HOSPITAL

A caring family
dedicated to excellence.

September 29, 1988

Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Gentlemen:

I have reviewed the material concerning the mortality information for Hot Springs County Memorial Hospital. I find no discrepancies in the patient listing, as all of the patients listed have been admitted to our Hospital.

The only percentage of mortality rate above the predicted range falls under Severe Acute Heart Disease for 1987. The average age at death of the seven cases who expired with this diagnostic coding was 78 years, and 100% of these cases had co-morbidities. We have looked at each case individually and found no quality of care concerns. We are also dealing with small numbers here, which makes mortality percentages potentially misleading.

We do not feel that this report is a judgment regarding our quality of care. Our care at Hot Springs County Memorial Hospital is of excellent quality. We are concerned that this data may be misinterpreted, not only for this facility, but also for hospitals in general, casting aspersions about quality of care. As you know, William L. Roper, M. D., HCFA Administrator, has by letter dated September 15, 1988, indicated that use of the data in this manner is not recommended.

Sincerely,

N. A. Bowler,
Administrator

HOT SPRINGS COUNTY MEMORIAL HOSPITAL
HOT SPRINGS STATE PARK
THERMOPOLIS, WYOMING 82443 — (307) 864-3121

VHA
Partner-VHA/Mtn. States
Affiliate of the Voluntary
Hospitals of America System.

MEMORIAL HOSP OF LARAMIE COUNTY

300 EAST 23RD STREET
CHEYENNE, WY 82001

Medicare Hospital Provider Number: 530014

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	850	11	8 - 14	841	11	8 - 14
Cancer	51	43	32 - 61	37	38	27 - 61
Cerebrovascular Accidents	25	24	14 - 48	30	40	12 - 47
Gastrointestinal Catastrophes	2	100	4 - 89	8	38	13 - 74
Infectious Disease	6	17	10 - 71	3	33	5 - 87
Metabolic/Electrolyte Disorders	4	0	1 - 76	5	40	4 - 78
Pulmonary Disease	23	17	11 - 45	34	26	12 - 43
Renal Failure	2	50	5 - 94	2	50	5 - 94
Severe Acute Heart Disease	30	40	24 - 59	21	48	20 - 62
Severe Chronic Heart Disease	28	14	10 - 38	29	17	12 - 41
Severe Trauma	1	0	0 - 97	1	0	0 - 99
Gastrointestinal Disease	72	3	1 - 13	74	3	1 - 13
Gynecologic Disease	17	0	0 -100	13	0	0 - 98
Low-Risk Heart Disease	56	9	0 - 33	47	4	0 - 24
Musculoskeletal/Skin Conditions	132	2	0 - 10	140	4	1 - 10
Neuropsychiatric/Sensory Disease	79	0	0 - 8	84	2	0 - 13
Urologic Disease	18	0	0 - 54	21	0	0 - 67

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	126
Occupancy Rate (%):	59
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	93
Percent of Physicians Who Are Board Certified Specialists:	83
Interns and Residents:	0
Registered Nurses:	103
Licensed Practical Nurses:	33

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Memorial Hospital of Laramie County
People Caring For People
300 East 23rd Street Cheyenne, WY 82001-3790 307/634-CARE (307/634-2273)

October 20, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Memorial Hospital of Laramie County has reviewed the 1987 Medicare Mortality Data and has no comments on the data. However, some of the information listed under "Hospital Characteristics" is incorrect and appears to have been incorrectly copied from the 1986 AHA survey, since the information was reported correctly on the AHA survey. Specifically, the hospital had 152 beds in 1986, not 120; the occupancy rate was 51%, not 48%; the percentage of Board Certified Specialists was 84, not 67; and the hospital did not have an organ transplant service.

Thank you for the opportunity to review and comment on the data.

Sincerely yours,

Jon Gates

Jon M. Gates
Administrator

JMG/ce

MEMORIAL HOSP OF PLATTE CO

201 14TH STREET
WHEATLAND, WY 82201

Medicare Hospital Provider Number: 530019

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	260	8	7 - 15	277	12	7 - 16
Cancer	2	100	12 - 96	3	100	16 - 89
Cerebrovascular Accidents	5	20	4 - 74	7	57	8 - 72
Gastrointestinal Catastrophes	1	0	1 - 97	1	0	0 - 99
Infectious Disease	4	50	14 - 89	1	100	0 - 99
Metabolic/Electrolyte Disorders	4	0	2 - 72	4	0	1 - 74
Pulmonary Disease	16	0	7 - 32	16	13	14 - 51
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	12	42	18 - 69	11	45	13 - 67
Severe Chronic Heart Disease	9	0	8 - 46	14	14	7 - 48
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	24	4	0 - 51	24	4	0 - 51
Gynecologic Disease	4	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	30	7	0 - 43	26	4	0 - 41
Musculoskeletal/Skin Conditions	30	0	0 - 22	38	0	0 - 20
Neuropsychiatric/Sensory Disease	9	0	0 -100	6	0	0 -100
Urologic Disease	7	0	0 -100	5	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	43
Occupancy Rate (%):	47
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	6
Percent of Physicians Who Are Board Certified Specialists:	33
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	7

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSP OF SHERIDAN CO

1401 W 5TH ST
SHERIDAN, WY 82801

Medicare Hospital Provider Number: 530006

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	552	13	9 - 15	612	10	8 - 14
Cancer	22	59	21 - 62	19	37	26 - 69
Cerebrovascular Accidents	18	33	10 - 53	28	21	15 - 47
Gastrointestinal Catastrophes	1	0	0 - 99	2	0	0 - 93
Infectious Disease	6	17	7 - 70	7	14	9 - 66
Metabolic/Electrolyte Disorders	2	50	3 - 92	3	0	0 - 88
Pulmonary Disease	28	18	12 - 43	37	14	10 - 36
Renal Failure	1	0	2 - 97	2	100	5 - 90
Severe Acute Heart Disease	26	35	22 - 58	23	35	22 - 60
Severe Chronic Heart Disease	35	34	12 - 44	21	24	9 - 47
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	58	2	1 - 14	65	5	0 - 19
Gynecologic Disease	9	0	0 -100	9	11	0 -100
Low-Risk Heart Disease	47	11	0 - 40	54	4	0 - 21
Musculoskeletal/Skin Conditions	51	2	0 - 20	69	1	0 - 15
Neuropsychiatric/Sensory Disease	25	4	0 - 80	32	3	1 - 23
Urologic Disease	14	0	0 - 99	9	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 88
Occupancy Rate (%): 39
Ownership/Control: Local Government

STAFFING

Total Number of Physicians: 30
Percent of Physicians Who Are Board Certified Specialists: 83
Interns and Residents: 0
Registered Nurses: 59
Licensed Practical Nurses: 7

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

MEMORIAL HOSP OF SWEETWATER CO

1200 COLLEGE DRIVE
ROCK SPRINGS, WY 82901

Medicare Hospital Provider Number: 530011

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	530	10	10 - 16	479	14	9 - 16
Cancer	9	44	15 - 73	12	67	20 - 70
Cerebrovascular Accidents	19	5	17 - 44	17	35	8 - 53
Gastrointestinal Catastrophes	8	38	12 - 73	7	57	10 - 75
Infectious Disease	7	43	13 - 77	4	25	5 - 80
Metabolic/Electrolyte Disorders	14	29	9 - 58	5	20	1 - 80
Pulmonary Disease	50	20	17 - 42	48	21	13 - 39
Renal Failure	0	-	-	4	25	5 - 83
Severe Acute Heart Disease	17	35	18 - 62	26	54	24 - 61
Severe Chronic Heart Disease	23	13	9 - 40	16	6	7 - 39
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	52	4	0 - 23	43	0	0 - 15
Gynecologic Disease	5	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	35	0	1 - 15	32	9	0 - 57
Musculoskeletal/Skin Conditions	49	4	0 - 23	50	4	0 - 24
Neuropsychiatric/Sensory Disease	12	0	0 - 99	14	7	0 - 97
Urologic Disease	27	0	0 - 81	30	3	0 - 91

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	99
Occupancy Rate (%):	45
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	30
Percent of Physicians Who Are Board Certified Specialists:	77
Interns and Residents:	0
Registered Nurses:	76
Licensed Practical Nurses:	32

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

MEMORIAL HOSPITAL OF CARBON COUNTY

2221 ELM STREET
RAWLINS, WY 82301

Medicare Hospital Provider Number: 530009

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	355	10	8 - 15	347	11	8 - 15
Cancer	4	25	6 - 81	7	86	18 - 74
Cerebrovascular Accidents	11	27	8 - 59	9	56	10 - 68
Gastrointestinal Catastrophes	5	40	4 - 78	2	0	4 - 88
Infectious Disease	2	50	2 - 92	1	100	0 - 99
Metabolic/Electrolyte Disorders	6	33	4 - 73	6	17	2 - 72
Pulmonary Disease	48	19	15 - 40	22	9	7 - 37
Renal Failure	1	100	1 - 97	3	33	1 - 90
Severe Acute Heart Disease	11	64	16 - 69	16	50	18 - 64
Severe Chronic Heart Disease	7	0	4 - 52	22	5	10 - 34
Severe Trauma	0	-	-	2	50	0 - 97
Gastrointestinal Disease	46	0	0 - 14	39	3	1 - 20
Gynecologic Disease	2	0	0 -100	0	-	-
Low-Risk Heart Disease	20	5	0 - 79	26	0	0 - 34
Musculoskeletal/Skin Conditions	33	3	0 - 27	36	0	0 - 22
Neuropsychiatric/Sensory Disease	13	0	0 - 99	9	0	0 -100
Urologic Disease	12	8	0 - 99	13	8	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	78
Occupancy Rate (%):	34
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	62
Interns and Residents:	0
Registered Nurses:	44
Licensed Practical Nurses:	22

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

NIOBRARA MEMORIAL HOSP

921 BALLENCEE AVE
LUSK, WY 82225

Medicare Hospital Provider Number: 530027

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	29	3	6 - 25	35	11	4 - 29
Cancer	0	-	-	1	100	1 - 97
Cerebrovascular Accidents	0	-	-	1	0	0 - 98
Gastrointestinal Catastrophes	1	0	2 - 97	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	0	-	-
Pulmonary Disease	3	0	1 - 83	5	20	7 - 74
Renal Failure	1	0	2 - 97	0	-	-
Severe Acute Heart Disease	0	-	-	0	-	-
Severe Chronic Heart Disease	4	25	1 - 82	0	-	-
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	2	0	0 -100	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	6	0	0 - 99	8	0	0 - 91
Musculoskeletal/Skin Conditions	0	-	-	1	0	0 -100
Neuropsychiatric/Sensory Disease	0	-	-	1	0	0 -100
Urologic Disease	2	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 51
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

NORTH BIG HORN HOSP

1115 LANE 12
LOVELL, WY 82431

Medicare Hospital Provider Number: 530029

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	114	10	8 - 20	140	18	9 - 22
Cancer	5	20	13 - 79	2	50	1 - 93
Cerebrovascular Accidents	8	50	6 - 68	3	67	2 - 86
Gastrointestinal Catastrophes	1	100	1 - 97	6	67	10 - 77
Infectious Disease	1	0	0 - 97	1	0	3 - 98
Metabolic/Electrolyte Disorders	1	100	0 - 98	3	0	1 - 84
Pulmonary Disease	13	8	10 - 47	9	22	7 - 62
Renal Failure	0	-	-	1	100	3 - 99
Severe Acute Heart Disease	1	0	1 - 97	5	80	14 - 81
Severe Chronic Heart Disease	2	0	6 - 90	11	27	10 - 61
Severe Trauma	0	-	-	1	0	0 - 99
Gastrointestinal Disease	13	0	0 - 76	20	5	0 - 68
Gynecologic Disease	2	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	10	0	0 - 87	10	20	0 - 77
Musculoskeletal/Skin Conditions	7	0	0 -100	7	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	2	0	0 -100
Urologic Disease	2	0	0 -100	3	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	90
Occupancy Rate (%):	51
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	2
Percent of Physicians Who Are Board Certified Specialists:	0
Interns and Residents:	0
Registered Nurses:	9
Licensed Practical Nurses:	5

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

POWELL HOSP

777 AVE H
POWELL, WY 82435

Medicare Hospital Provider Number: 530007

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	258	12	7 - 15	278	13	9 - 18
Cancer	10	50	16 - 72	9	67	22 - 79
Cerebrovascular Accidents	2	100	2 - 89	6	50	5 - 74
Gastrointestinal Catastrophes	1	0	1 - 97	6	17	10 - 72
Infectious Disease	2	0	0 - 92	3	33	5 - 86
Metabolic/Electrolyte Disorders	4	0	3 - 71	5	20	2 - 77
Pulmonary Disease	14	14	8 - 49	9	0	3 - 45
Renal Failure	1	0	0 -100	2	0	10 - 95
Severe Acute Heart Disease	8	38	12 - 72	21	38	25 - 66
Severe Chronic Heart Disease	3	67	7 - 87	5	20	1 - 76
Severe Trauma	2	50	1 - 92	0	-	-
Gastrointestinal Disease	28	4	0 - 73	24	4	0 - 55
Gynecologic Disease	0	-	-	6	0	0 -100
Low-Risk Heart Disease	39	5	0 - 33	29	0	0 - 20
Musculoskeletal/Skin Conditions	24	0	0 - 61	24	13	0 - 84
Neuropsychiatric/Sensory Disease	5	0	0 -100	11	0	0 - 94
Urologic Disease	13	0	0 - 98	15	0	0 - 99

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	138
Occupancy Rate (%):	81
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	11
Percent of Physicians Who Are Board Certified Specialists:	45
Interns and Residents:	0
Registered Nurses:	23
Licensed Practical Nurses:	10

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

RIVERTON MEMORIAL HOSPITAL

2100 W SUNSET DR
RIVERTON, WY 82501

Medicare Hospital Provider Number: 530008

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	485	12	8 - 15	466	8	7 - 13
Cancer	13	46	22 - 73	11	36	17 - 70
Cerebrovascular Accidents	13	8	15 - 51	10	30	8 - 62
Gastrointestinal Catastrophes	3	0	0 - 87	3	33	4 - 86
Infectious Disease	4	50	11 - 86	2	50	7 - 96
Metabolic/Electrolyte Disorders	1	0	0 - 97	1	0	1 - 97
Pulmonary Disease	32	25	9 - 41	29	14	14 - 43
Renal Failure	2	100	11 - 98	0	-	-
Severe Acute Heart Disease	26	35	22 - 58	18	28	15 - 56
Severe Chronic Heart Disease	21	24	9 - 47	14	36	6 - 56
Severe Trauma	0	-	-	1	0	0 - 98
Gastrointestinal Disease	46	2	0 - 26	40	0	0 - 16
Gynecologic Disease	3	0	0 -100	7	0	0 -100
Low-Risk Heart Disease	38	5	1 - 26	52	6	0 - 24
Musculoskeletal/Skin Conditions	55	5	0 - 22	63	0	0 - 11
Neuropsychiatric/Sensory Disease	19	5	0 - 78	9	0	0 -100
Urologic Disease	57	2	0 - 27	35	3	0 - 77

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	70
Occupancy Rate (%):	46
Ownership/Control:	Private, For Profit

STAFFING

Total Number of Physicians:	18
Percent of Physicians Who Are Board Certified Specialists:	78
Interns and Residents:	0
Registered Nurses:	40
Licensed Practical Nurses:	12

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

SOUTH BIG HORN HOSP

RIVER ROUTE
GREYBULL, WY 82426

Medicare Hospital Provider Number: 530024

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	134	19	10 - 24	165	18	11 - 23
Cancer	4	100	20 - 83	2	50	7 - 96
Cerebrovascular Accidents	1	100	0 - 98	7	57	11 - 74
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	2	50	3 - 92	4	50	6 - 83
Metabolic/Electrolyte Disorders	5	20	2 - 76	6	33	1 - 82
Pulmonary Disease	19	42	13 - 56	20	25	10 - 50
Renal Failure	1	100	3 - 98	4	25	11 - 87
Severe Acute Heart Disease	3	67	5 - 86	7	86	19 - 74
Severe Chronic Heart Disease	3	0	6 - 79	6	0	4 - 57
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	11	0	0 - 50	15	0	0 - 38
Gynecologic Disease	0	-	-	1	0	0 -100
Low-Risk Heart Disease	12	0	0 - 56	16	0	0 - 66
Musculoskeletal/Skin Conditions	6	0	0 - 93	6	0	0 -100
Neuropsychiatric/Sensory Disease	13	8	0 - 88	4	0	0 -100
Urologic Disease	2	0	0 -100	3	33	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 56
Occupancy Rate (%): 63
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 2
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 9
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

SOUTH LINCOLN MEDICAL CENTER

MOOSE AND ONYX STREETS
KEMMERER, WY 83101

Medicare Hospital Provider Number: 530017

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	43	19	6 - 31	33	24	4 - 36
Cancer	2	50	7 - 95	0	-	-
Cerebrovascular Accidents	0	-	-	1	0	1 - 97
Gastrointestinal Catastrophes	0	-	-	1	100	3 - 98
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	1	100	2 - 97
Pulmonary Disease	8	13	8 - 61	4	25	4 - 80
Renal Failure	1	100	3 - 99	0	-	-
Severe Acute Heart Disease	1	100	1 - 97	0	-	-
Severe Chronic Heart Disease	5	20	4 - 73	3	33	0 - 91
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	0	-	-	5	0	0 -100
Gynecologic Disease	0	-	-	0	-	-
Low-Risk Heart Disease	3	33	0 -100	1	0	0 -100
Musculoskeletal/Skin Conditions	9	0	0 -100	6	17	0 -100
Neuropsychiatric/Sensory Disease	2	50	0 -100	2	50	1 - 94
Urologic Disease	0	-	-	1	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	20
Occupancy Rate (%):	15
Ownership/Control:	District/Authority

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	38
Interns and Residents:	(not available)
Registered Nurses:	(not available)
Licensed Practical Nurses:	(not available)

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

ST JOHNS HOSP

555 E BROADWAY
JACKSON, WY 83001

Medicare Hospital Provider Number: 530015

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	251	6	4 - 11	247	11	4 - 13
Cancer	3	33	4 - 86	5	80	10 - 77
Cerebrovascular Accidents	7	0	5 - 52	3	67	1 - 87
Gastrointestinal Catastrophes	0	-	-	1	100	0 - 99
Infectious Disease	1	0	2 - 97	2	100	11 - 94
Metabolic/Electrolyte Disorders	1	0	0 - 99	1	0	0 - 98
Pulmonary Disease	7	14	1 - 69	2	100	6 - 90
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	1	100	2 - 97	5	60	6 - 78
Severe Chronic Heart Disease	7	0	8 - 54	15	13	4 - 45
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	23	0	0 - 41	22	0	0 - 54
Gynecologic Disease	6	0	0 -100	3	0	0 -100
Low-Risk Heart Disease	21	0	0 - 44	16	0	0 - 63
Musculoskeletal/Skin Conditions	48	0	0 - 13	49	0	0 - 29
Neuropsychiatric/Sensory Disease	11	9	0 - 97	10	10	0 -100
Urologic Disease	16	6	0 -100	13	8	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 55
Occupancy Rate (%): 56
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 19
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

STAR VALLEY HOSP

110 HOSPITAL LANE
AFTON, WY 83110

Medicare Hospital Provider Number: 530023

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	64	6	5 - 19	59	14	6 - 25
Cancer	0	-	-	1	0	0 - 98
Cerebrovascular Accidents	1	0	1 - 97	1	100	1 -100
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	0	-	-
Metabolic/Electrolyte Disorders	0	-	-	2	0	0 - 93
Pulmonary Disease	2	50	0 - 98	2	50	0 - 96
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	4	50	11 - 87	9	33	12 - 69
Severe Chronic Heart Disease	2	0	1 - 90	2	0	1 - 91
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	6	0	0 -100	5	0	0 - 95
Gynecologic Disease	1	0	0 -100	1	0	0 -100
Low-Risk Heart Disease	11	0	0 - 95	7	0	0 -100
Musculoskeletal/Skin Conditions	4	0	0 - 96	7	0	0 -100
Neuropsychiatric/Sensory Disease	4	0	0 -100	1	0	0 -100
Urologic Disease	1	0	0 -100	0	-	-

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#):	15
Ownership/Control:	District/Authority

STAFFING

Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	1

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	No
Cardiac Intensive Care:	No
Organ Transplant Service:	Yes
Hospice Care:	No

WASHAKIE CO MEMORIAL HOSP

400 SOUTH 15TH ST
WORLAND, WY 82401

Medicare Hospital Provider Number: 530022

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	170	9	8 - 18	185	9	9 - 18
Cancer	4	100	19 - 82	5	80	26 - 95
Cerebrovascular Accidents	4	0	4 - 70	7	29	8 - 70
Gastrointestinal Catastrophes	2	0	2 - 89	2	50	5 - 93
Infectious Disease	2	0	1 - 90	1	0	3 - 98
Metabolic/Electrolyte Disorders	5	20	2 - 76	2	0	0 - 94
Pulmonary Disease	21	14	9 - 42	28	14	13 - 42
Renal Failure	0	-	-	1	0	3 - 99
Severe Acute Heart Disease	8	25	12 - 69	3	33	7 - 87
Severe Chronic Heart Disease	10	10	8 - 53	6	0	3 - 57
Severe Trauma	0	-	-	1	0	1 - 97
Gastrointestinal Disease	22	0	0 - 33	21	0	0 - 50
Gynecologic Disease	2	0	0 -100	2	0	0 -100
Low-Risk Heart Disease	16	0	0 - 36	18	6	1 - 39
Musculoskeletal/Skin Conditions	19	0	0 - 58	17	0	0 - 96
Neuropsychiatric/Sensory Disease	5	0	0 -100	11	0	0 - 96
Urologic Disease	6	17	0 -100	7	0	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	36
Occupancy Rate (%):	42
Ownership/Control:	Private, Non-profit

STAFFING

Total Number of Physicians:	13
Percent of Physicians Who Are Board Certified Specialists:	54
Interns and Residents:	0
Registered Nurses:	14
Licensed Practical Nurses:	4

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WEST PARK COUNTY HOSPITAL

707 SHERIDAN
CODY, WY 82414

Medicare Hospital Provider Number: 530016

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	389	9	8 - 15	400	10	8 - 15
Cancer	15	40	23 - 71	11	55	23 - 77
Cerebrovascular Accidents	11	27	8 - 59	6	67	5 - 73
Gastrointestinal Catastrophes	3	100	6 - 80	4	50	6 - 83
Infectious Disease	2	0	1 - 89	5	0	15 - 71
Metabolic/Electrolyte Disorders	4	25	1 - 83	2	50	0 -100
Pulmonary Disease	22	18	15 - 49	22	9	9 - 38
Renal Failure	0	-	-	1	100	0 - 98
Severe Acute Heart Disease	20	40	23 - 64	21	33	19 - 58
Severe Chronic Heart Disease	11	0	9 - 41	16	13	11 - 47
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	40	2	0 - 23	45	2	0 - 21
Gynecologic Disease	0	-	-	2	0	0 -100
Low-Risk Heart Disease	43	2	0 - 22	37	5	1 - 24
Musculoskeletal/Skin Conditions	44	5	0 - 64	42	0	0 - 18
Neuropsychiatric/Sensory Disease	20	0	0 - 64	22	0	0 - 85
Urologic Disease	20	0	0 -100	30	0	0 - 70

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 147
Occupancy Rate (%): 76
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 21
Percent of Physicians Who Are Board Certified Specialists: 0
Interns and Residents: 0
Registered Nurses: 38
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

West Park County Hospital
Cody, Wyoming

Provider Number: 53-0016

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

WESTON CO HOSP

1124 WASHINGTON BLVD
NEWCASTLE, WY 82701

Medicare Hospital Provider Number: 530003

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	102	13	7 - 21	110	14	6 - 20
Cancer	5	60	9 - 80	2	100	8 - 92
Cerebrovascular Accidents	0	-	-	4	50	13 - 88
Gastrointestinal Catastrophes	0	-	-	0	-	-
Infectious Disease	0	-	-	1	0	0 - 97
Metabolic/Electrolyte Disorders	1	0	0 -100	3	67	12 - 93
Pulmonary Disease	11	18	8 - 57	7	29	3 - 69
Renal Failure	0	-	-	0	-	-
Severe Acute Heart Disease	7	57	15 - 78	2	0	3 - 88
Severe Chronic Heart Disease	3	0	3 - 79	4	0	1 - 74
Severe Trauma	0	-	-	0	-	-
Gastrointestinal Disease	9	11	0 -100	7	0	0 -100
Gynecologic Disease	1	0	0 -100	0	-	-
Low-Risk Heart Disease	16	6	0 - 96	20	5	0 - 70
Musculoskeletal/Skin Conditions	8	0	0 - 99	12	0	0 -100
Neuropsychiatric/Sensory Disease	3	0	0 - 99	3	0	0 -100
Urologic Disease	6	0	0 -100	2	50	0 -100

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	69
Occupancy Rate (%):	65
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	3
Percent of Physicians Who Are Board Certified Specialists:	100
Interns and Residents:	0
Registered Nurses:	11
Licensed Practical Nurses:	0

SPECIALTY SERVICES

Shock/Trauma Unit:	No
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

WYOMING MEDICAL CENTER

1233 EAST 2ND ST
CASPER, WY 82601

Medicare Hospital Provider Number: 530012

Diagnostic Category	Calender Year 1987			Calender Year 1986		
	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)	Cases	Actual Mortality Rate (%)	Range For Predicted Mortality (%)
All Cases	1,591	11	9 - 13	1,486	10	9 - 13
Cancer	59	58	27 - 55	54	43	32 - 61
Cerebrovascular Accidents	38	18	14 - 40	25	24	12 - 47
Gastrointestinal Catastrophes	12	17	14 - 61	12	67	15 - 67
Infectious Disease	19	42	15 - 60	10	50	10 - 67
Metabolic/Electrolyte Disorders	19	21	4 - 48	10	20	3 - 60
Pulmonary Disease	64	27	13 - 37	62	18	14 - 36
Renal Failure	3	100	7 - 82	11	73	19 - 79
Severe Acute Heart Disease	93	25	27 - 47	72	33	28 - 51
Severe Chronic Heart Disease	59	29	14 - 38	62	15	14 - 33
Severe Trauma	2	0	1 - 91	2	50	2 - 92
Gastrointestinal Disease	109	1	1 - 7	117	3	1 - 9
Gynecologic Disease	19	0	0 -100	18	0	0 -100
Low-Risk Heart Disease	188	4	1 - 8	162	2	2 - 8
Musculoskeletal/Skin Conditions	185	4	1 - 9	165	1	1 - 5
Neuropsychiatric/Sensory Disease	57	2	0 - 37	71	1	0 - 12
Urologic Disease	75	0	0 - 14	88	0	0 - 14

HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#):	210
Occupancy Rate (%):	50
Ownership/Control:	Local Government

STAFFING

Total Number of Physicians:	91
Percent of Physicians Who Are Board Certified Specialists:	89
Interns and Residents:	0
Registered Nurses:	245
Licensed Practical Nurses:	39

SPECIALTY SERVICES

Shock/Trauma Unit:	Yes
Burn Unit:	No
Medical/Surgical Intensive Care:	Yes
Cardiac Intensive Care:	No
Organ Transplant Service:	No
Hospice Care:	No

Wyoming Medical Center

J. DOUGLAS BIRD
President

1233 East Second
Casper, Wyoming 82601
(307) 577-7201

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
P.O. Box 26684
Baltimore MD 21207

Dear Dr. Roper:

The staff of Wyoming Medical Center has reviewed the mortality statistics for our facility and find no significant errors in the data.

Wyoming Medical Center is a 282 bed, not-for-profit facility centrally located in the State of Wyoming. Wyoming Medical Center serves as the only acute care facility for the residents of Natrona County and as the principal referral hospital for most of the State of Wyoming. Through agreement with the county, Wyoming Medical Center maintains an open-door policy. Wyoming Medical Center has created programs in the fields of Cancer treatment and Cardiac Surgery not available in most other Wyoming hospitals.

We at Wyoming Medical Center believe it is important for the public to be aware of the many factors contributing to the quality of care given to patients at a facility and feel that the mortality data being published by HCFA represents only one potential measure of a hospital's quality. Other factors we believe should be evaluated are recovery rates, complication rates, services available, patient satisfaction and expected outcome as compared to actual outcome of the admission to the facility. We believe these can only be monitored by an ongoing in-house Quality Assurance Program. Wyoming Medical Center actively reviews these aspects of care through our Quality Assurance Program.

Sincerely,

Linda Burdett RN MSN

Linda Burdett R.N., M.S.N.
Vice President Patient Care Services

LB/11

Technical Appendix

TECHNICAL APPENDIX

METHODOLOGY

The Data Base

The data that are analyzed in this report are drawn from the MEDPAR file, which is assembled and updated quarterly by the Bureau of Data Management and Strategy in HCFA. This file is constructed from information on hospitalizations submitted to HCFA by hospitals through fiscal intermediaries. Data obtained from the Social Security Administration also contribute to the file. The data include the age, sex and date of death of each Medicare beneficiary. Because each beneficiary is assigned a unique health insurance claim number, it is possible to link hospitalizations longitudinally. Prior hospitalizations and readmissions can be found, as well as the date of death, whenever and wherever it occurred.

The hospitalizations in this file are segregated by the year of discharge. The data used in these analyses were drawn from the 1985, 1986 and 1987 discharges. The update cycles used for these years were 12/31/87, 6/10/88 and 6/10/88, respectively.

The process of data management consisted of selecting discharges from acute-care hospitals, calculating analytical variables that required data from prior hospitalizations and selecting the last discharge for each beneficiary for 1986 and 1987. The following rules were used to select discharges from acute-care hospitals:

1) Include only discharges from short-term (general and specialty) hospitals. These hospitals have a 0 in the third position of their "provider number."

2) Exclude discharges from psychiatric units, rehabilitation units, swing-beds and alcohol/drug units. These records have "provider codes" of S, T, U and V, respectively.

3) Exclude discharges from special cost centers. These are designated by a 9 in the fourth position of the "provider number."

4) Exclude discharges where the date of death precedes the date of admission, because these are obvious data errors.

Variables dependent on data from prior hospitalizations were calculated as follows:

1) For each beneficiary, sort the discharges in descending order by "discharge date" and "admission date" and stack the discharges for the current and prior years.

2) For the last discharge in the current year, determine whether the beneficiary at admission was transfered from another hospital. Operationally, the "discharge destination" for the prior discharge must be coded as a discharge to a short-term hospital, and the "discharge date" for the prior discharge must be no more than one day prior to the "admission date" for the last discharge.

3) For each discharge, use the principal diagnosis (the first "diagnostic code") to determine the diagnostic category as defined in Table 2 of the Introduction. Diagnoses that are not listed in this table are placed in a residual category of intermediate risk.

4) For the last discharge of the current year, count the number of admissions by diagnostic category that occurred within the 182 days prior to the admission date for this discharge.

Subsequently, the last discharges for 1986 and 1987 were selected and segregated by diagnostic categories into separate files for analysis. Only hospitals that had discharges in 1987 were considered for publication. Canadian and emergency hospitals were excluded. Six other hospitals were excluded because they terminated operations prior to 1987 or because their "provider number" was invalid.

Mortality Rates

In this project, the definition of mortality used to calculate mortality rates was death within 30 days of admission. The choice of a fixed period of 30 days after admission avoids biases that might occur if in-hospital deaths only were counted. Sufficient followup is available to permit complete estimation of mortality rates based upon this choice. Choosing a specific discharge avoids multiple counts of the same death. The last discharge for the year is biased to higher short-term risk.

Diagnostic Categories

Lists of the ICD-9-CM codes included in each diagnostic category are found in Table 2 of the Introduction to this report. The lists were constructed to represent diagnostic categories that are medically coherent and rather homogeneous with respect to risk of death.

Grouping was performed by combining clinically related diagnostic clusters when associated mortality rates were similar to one another. For each primary diagnosis, these rates were calculated from the 5% random sample of Medicare discharges for 1985 and 1986. For instance, Klebsiella pneumonia (482.0, 1385 patients, observed mortality = 24.3%) and Pseudomonas pneumonia (482.1, 1416 patients, observed mortality = 25.2%) were combined in the Pulmonary Disease category, as were subarachnoid hemorrhage (430, 525 patients, observed mortality = 47.8%) and intracerebral hemorrhage (431, 2883 patients, observed mortality = 42.9%), in the Cerebrovascular Accidents category.

These aggregations are generally analogous to the categories used in the 1987 analysis, but are more risk-homogeneous. In some cases, risk categories were expanded to incorporate a broader range of related conditions associated with similar risks of subsequent mortality, such as expanding ophthalmology to include psychiatric and other sensory system disorders or expanding low risk orthopedic conditions to include low risk dermatologic and muscular disorders.

In other instances, conditions were transferred to new categories based on empirical evidence that associated mortality rates were higher or lower than previously anticipated. For example, cancer of the salivary gland, gums, mouth, and oropharynx (142-146, observed mortality = 8.8%) was moved from high risk cancer to the intermediate risk category (average mortality = 8.5%), paroxysmal ventricular tachycardia (427.1, observed mortality 8.9%) was moved from the severe acute heart disease to the intermediate risk category, acute and chronic gastric ulcers with perforation, with and without hemorrhage (531.1, 531.2, 531.5, 531.6, observed mortality = 21.8%) was moved from low risk GI disease to GI catastrophe, pneumonia due to H. influenzae (482.2, observed mortality = 8.6%) was moved from high risk pulmonary to the intermediate risk category, fracture of the femur (820, 821, observed mortality = 6.1%) was moved from high risk trauma to the intermediate risk category, and chronic glomerulonephritis and other nephritis and nephropathy (582, 583, observed mortality 2.2%) was moved from high risk renal to low risk urologic disease. The new categories were reviewed for clinical and coding consistency and face validity, and final adjustments were made. Final adjustments included combining myocardial infarctions in a single risk group since coding variations among institutions made separation into different categories problematic, and removing italicized ICD-9-CM diagnoses from named risk groups since they are not valid principal diagnoses.

Demographic Variables

As in 1987, age and sex variables were used to characterize each patient. The sex variable is an indicator variable, as shown in Table 1. The patient's age was expressed in the 1987 Mortality Release by indicator variables in six categories, 65, 65-69, 70-74, 75-79, 80-84, and 85. For the 1988 Mortality Release, the age relative to 65 years and the square of this variable, as shown in Table 1, replaced the categorical age variables.

Comorbidity Variables

As in 1987, the secondary diagnoses (0-4 in number, "diagnostic codes" 2-5) were used to construct variables indicating the presence of comorbidities. The eight comorbidity indicator variables used in the analyses are: diabetes (DI), chronic pulmonary disease (OP), cancer (CA), chronic liver disease (LV), chronic renal disease (RN), cerebral vascular degeneration or chronic psychosis (CE), hypertensive disease (HY) and chronic cardiovascular disease (CV). The ICD-9-CM codes defining these variables are the same as were used in 1987 and are listed in Table 3 of the Introduction.

Prior History Variables

In the 1987 Mortality Release, the number of prior admissions was not based on a fixed interval of time prior to the admission date for the last discharge of the year, but included only prior admissions with discharges in the same calendar year (1986). Also all admissions were counted without any distinction among the risks associated with various prior admissions. In the 1988 Mortality Release, prior admissions are counted for a fixed interval of six months prior to the admission date for the last discharge of the year, and separate counts of prior admissions are made for three risk levels. They are admissions with high, low and intermediate risk. In Table 2 of the Introduction, diagnostic categories are defined as high risk or low risk. The intermediate risk category is composed of ICD-9-CM codes not listed in that table. Indicator variables are defined for the high risk category, as shown in Table 1, as PH1 if there was one prior high risk admission, PH2 if there were two and PH3M if there were three or more. Similar variables are defined for low risk (PL1, PL2, PL3M) and intermediate risk (PU1, PU2, PU3M) admissions. The indicator variable TRIN records whether or not the patient was transfered into the hospital from another acute-care hospital.

Analytic Techniques

The principal analytic tool was logistic regression (see, for example, Cox (1970)). Because the diagnostic categories are mutually exclusive, the analyses to ascertain the influence of patient characteristics (demographics, comorbidities and prior histories) were carried out separately for each category.

The probability π that a patient dies within 30 days of admission depends on the patient's characteristics x_i. Table 1 lists the covariates used in the logistic model for this year's analysis. Generally the same variables were used across all diagnostic categories. There are some exceptions. For example, the variable sex is not included as a covariate in the analyses for the diagnostic category gynecologic disease. In all other cases, the model is the same, with the occasional omission of one or more variables because of estimation difficulties (See Tables 2 and 3).

The dependence of π on these variables is specified by a logistic model:

$$\log (\pi/(1-\pi)) = \Sigma_i \beta_i x_i .$$

The regression coefficients β_i are estimated by the method of maximum likelihood. It is possible then to estimate the probability of dying for a patient from his or her characteristics x_i. By averaging over all the patients for whom treatment in a given hospital is being evaluated, the estimated mortality rate for that hospital is found. This analysis is carried out for each individual diagnostic category (the 16 explicitly defined categories as well as the residual category). The coefficients for each diagnostic category are shown in Table 2 for the 1987 data and in Table 3 for the 1986 data. Blank spaces in these tables mean that the corresponding variables were not used in the model. This is the same as fixing the parameter estimates for the unused variables at zero. Calculations were performed using the SAS procedure LOGIST as described by the SAS Institute (1986).

In addition to the estimates of regression coefficients for the logistic regression model, Tables 2 and 3 also display the model chi-square, based on the likelihood ratio, the number of cases and the number of deaths, for each of the diagnostic categories. The model chi-square has 22 degrees of freedom in most cases. The exceptions occur when one or more variables are removed from the model. In these cases, the degrees of freedom are reduced by one for each variable removed from the model. In all cases, the model chi-square is highly significant ($P < 0.001$). Note that the coefficients from 1987 and 1986 data are generally similar, as can be seen clearly in Table 4. The major differences occur in low risk categories or when there are only a few cases associated with the variable. In these situations, the parameter estimates are less stable. For example, there are relatively few cases associated with the variables for three or more prior admissions within six months. The regression coefficients in Tables 2 and 3 were used to estimate the probability of death within 30 days of the last admission in 1987 or 1986 for a 1987 "average case" for each of the diagnostic categories, as shown in Table 4. The "average case" is a hypothetical "patient" whose characteristics correspond to average values of each variable within a diagnostic category. The mortality rate for this 1987 "average case" using the 1986 and 1987 coefficients is displayed in Table 4 along with the average observed mortality rate. Note the similarity of the data for 1986 and 1987. Note also that the average observed and the average predicted mortality rates must be equal, but that the predicted mortality rate for the "average case" differs from them somewhat because of the inverse logit transformation that is needed to convert the sum of the products of the average values of the variables and the regression coefficients to a probability of dying. Since there is no way to know that a given admission will result in the last discharge of the year, these equations generally should not be used for predicting the outcome for individual cases.

The second quantity required of the analyses was an estimate of the uncertainty in the mortality rate expressed as a range of predicted rates encompassing a specified proportion (95%) of the probable values. For this it is necessary to compute the variance of the probability of death at a given hospital.

There are two components of variance included in our calculation of the range of mortality for a hospital. The first is the sampling variance, which is estimated by:

$SV_j = B_j(1-B_j) / N_j$,

where

$B_j = (N_j p_j + 1) / (N_j + 2)$,

and p_j is the observed proportion of persons who had died among the N_j persons at risk, within a specified diagnostic category (or overall). B_j is a Bayesian estimate of the probability of dying.

The second component arises from the systematic differences among hospitals in the identified factors included in the logistic model. This contribution to the variance is estimated by:

$IHV_j = (1-(1/N_j))\ V$

where V, the inter-hospital variance, is

$V = \Sigma_j\ (P_j - \bar{P})^2\ (N_j / N_t)$.

P_j is the predicted mortality rate and N_j is the number of cases at risk at hospital j. $N_t = \Sigma_j N_j$ is the total number of cases at risk and $\bar{P} = (\Sigma_j N_j P_j) / N_t$ is the average mortality rate, in the category under consideration. To see how this formula arises, consider the basic identity (Kendall, Stuart and Ord, 1983, p.212):

$Var(x) = E_\theta \{Var_{x|\theta}(x)\} + Var_\theta \{E_{x|\theta}(x)\}$.

When this formula is applied to a binomial random variable x, the result is

$Var(x) = n\ E_\theta \{\theta\}(1-E_\theta\{\theta\}) + n(n-1)\ Var_\theta\{\theta\}$

as given by Mosimann (1962, equation 36). From this it follows that

$$\mathrm{Var}(x/n) = \mathrm{Var}(x) / n^2 = (E_\theta\{\theta\}(1-E_\theta\{\theta\})) / n + (1-(1/n)) \mathrm{Var}\{\theta\}$$

where $V\{\theta\} = V$, the constant inter-hospital variance. Values of V for each diagnostic category are in Table 4.

The ranges of predicted mortality rates given in this publication encompass 95% of the probable values on a logit scale, which ensures that the range neither goes below zero nor above 100%. On the logit scale, the range of predicted values P is given by:

$$R_j = \log(P_j/(1-P_j)) \pm 1.96(\sqrt{SV_j + IHV_j} / (P_j(1-P_j)).$$

Retransformed to the probability scale, the upper end of the range is:

$$\exp (R_+) / (1 + \exp(R_+))$$

and the lower end is:

$$\exp (R_-) / (1 + \exp(R_-))$$

where R_+ is the value of R taken with the + sign and R_- is the value of R taken with the - sign.

The tabulation of the numbers of cases at risk (i. e., the number of patients whose last discharge in 1987 was from the given hospital), of the percentage of these persons who died within 30 days of the date of admission for that hospitalization, and of the range of predicted mortality rates encompassing 95% of the probable values on the logit scale forms the core of the present publication. A similar display is also included for the 1986 data.

An implication that bears importantly on year-to-year stability of rankings is that there remain important sources of variability in outcomes associated with variations in patient characteristics (such as severity of illness) and other factors that have not been taken into account in the models used in the present analyses.

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TABLE 1

Covariates used in the logistic models for the 1988 Hospital Mortality Release. Generally the same variables are used for all diagnostic categories. The two-letter codes for comorbidities are defined in terms of ICD-9-CM codes in Table 3 of the Introduction to this report.

Intercept	Constant added into the logistic model in all cases.

Demographics

RAG	Age of patient in years divided by 65.
RAGSQ	RAG squared.
SEX	An indicator variable: Male 0 and Female 1.

Comorbidities (Indicator variables)

DI	1 if patient has diabetes, 0 if not.
OP	1 if chronic pulmonary disease, 0 if not.
CA	1 if cancer, 0 if not.
LV	1 if chronic liver disease, 0 if not.
RN	1 if chronic renal disease, 0 if not.
CE	1 if cerebrovascular degeneration or chronic psychosis, 0 if not.
HY	1 if hypertensive disease, 0 if not.
CV	1 if chronic cardiovascular disease, 0 if not.

Prior Histories (Indicator variables)

PH1	1 if patient has had 1 recent high-risk admission, 0 if not.
PH2	1 if patient has had 2 recent high-risk admissions, 0 if not.
PH3M	1 if patient has had 3 recent high-risk admissions, 0 if not.
PL1	1 if patient has had 1 recent low-risk admission, 0 if not.
PL2	1 if patient has had 2 recent low-risk admissions, 0 if not.
PL3M	1 if patient has had 3 recent low-risk admissions, 0 if not.
PU1	1 if patient has had 1 recent medium-risk admission, 0 if not.
PU2	1 if patient has had 2 recent medium-risk admissions, 0 if not.
PU3M	1 if patient has had 3 recent medium-risk admissions, 0 if not.
TRIN	1 if patient was transfered into the hospital, 0 if not.

Recent means within six months (182 days) before the admission date on the last discharge.

Table 2

1987
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 2.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.9591	0.1846	1.1997	0.2163	-5.2813	0.2800	-2.3087	0.2017	-3.5635	0.2663	-4.7226	0.4824
RAG	-1.6335	0.3285	-6.6151	0.3659	-1.5611	0.5229	-0.4696	0.3734	-5.5355	0.4572	-5.5282	0.8185
RAGSQ	1.3503	0.1465	3.7120	0.1544	2.2297	0.2447	1.2330	0.1746	4.2574	0.1972	4.4686	0.3499
SEX	-0.2402	0.0094	-0.0476	0.0099	-0.5750	0.0287	-0.1175	0.0199	-0.1243	0.0185	0.5935	0.0350
DI	-0.1024	0.0258	0.1020	0.0165	0.1759	0.0587	-0.1638	0.0415	0.2683	0.0400	0.4540	0.0636
OP	-0.0561	0.0141	0.1279	0.0185	0.3559	0.0436	0.0051	0.0359	0.2458	0.0285	0.1487	0.0535
CA	0.5768	0.0093	0.8097	0.0252	1.9331	0.0441	1.0668	0.0340	1.6400	0.0301	1.4296	0.0452
LV	1.3567	0.0417	0.9674	0.0741	0.8902	0.1032	0.9094	0.0259	1.3731	0.0523	1.4221	0.1900
RN	1.0472	0.0364	0.8796	0.0314	1.6159	0.0678	0.6804	0.0411	1.4903	0.0431	1.4730	0.0594
CE	-0.0632	0.0394	-0.6277	0.0291	0.2072	0.0601	-0.5066	0.0825	0.0970	0.0636	0.5856	0.0843
HY	-0.3680	0.0492	-0.0778	0.0226	-0.0419	0.1010	-0.3043	0.0760	-0.1481	0.0642	-0.0122	0.1146
CV	0.3520	0.0118	0.3532	0.0097	0.6803	0.0304	0.5708	0.0221	0.7706	0.0186	0.9333	0.0323
PH1	0.9049	0.0111	0.4668	0.0149	1.0171	0.0409	0.4431	0.0263	1.0073	0.0263	1.1523	0.0425
PH2	1.3110	0.0199	0.8399	0.0344	1.6964	0.0753	0.5912	0.0461	1.4578	0.0538	1.5987	0.0906
PH3M	1.5586	0.0339	1.2198	0.0752	1.9332	0.1458	0.5752	0.0666	1.8720	0.1031		
PU1	0.4216	0.0129	0.3815	0.0163	0.5417	0.0398	0.2922	0.0263	0.5258	0.0251	0.6359	0.0416
PU2	0.6721	0.0242	0.6588	0.0401	0.9497	0.0767	0.4900	0.0517	0.9993	0.0487	1.0869	0.0809
PU3M	0.8003	0.0291	0.7082	0.0782	1.4732	0.1082	0.5197	0.0815	1.0673	0.0858	1.5890	0.1328
TRIH	-0.2626	0.0293	-0.0471	0.0357	0.5169	0.1053	0.3129	0.0627	0.6705	0.0692	0.6464	0.1219
PL1	0.1573	0.0162	0.1208	0.0159	0.1455	0.0378	0.1427	0.0301	0.2183	0.0250	0.1653	0.0433
PL2	0.1772	0.0437	0.1758	0.0411	0.1414	0.0801	0.1743	0.0731	0.3797	0.0533	0.4906	0.0895
PL3M	0.1269	0.1044	0.3631	0.0888	0.0705	0.1537	0.1452	0.1591	0.2971	0.1094	0.8340	0.1643
TOTAL NUM.	216,565		240,896		245,185		52,907		451,765		277,784	
DEATHS	89,692		63,407		5,633		18,329		13,776		4,634	
MODEL CHI-SQ.	23,809		11,842		7,524		5,215		16,232		7,689	

Table 2.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST SE	EST	SE	
INTERCEPT	-9.1786	0.3010	-3.1645	0.2327	-1.9582	0.1666	-0.3864	0.1743	-3.2048	0.2537	-3.3135	0.2154
RAG			-4.6780	0.4036	-1.7762	0.2847	-3.4967	0.3051	0.2668	0.4302	-5.8135	0.3778
RAGSQ	2.3124	0.2106	3.3811	0.1750	1.7348	0.1215	2.6778	0.1335	0.8351	0.1827	4.2440	0.1665
SEX			-0.2982	0.0129	-0.2375	0.0092	-0.0383	0.0088	-0.4303	0.0160	-0.4685	0.0192
DI	0.9843	0.2244	0.2989	0.0241	-0.0471	0.0155	0.1744	0.0155	-0.0804	0.0329	0.3664	0.0349
OP	0.1323	0.2781	0.2005	0.0200	0.0032	0.0117	-0.1526	0.0142	0.0243	0.0273	0.4635	0.0297
CA	2.1844	0.1861	1.5089	0.0244	0.8028	0.0211	0.5563	0.0256	1.6174	0.0200	1.8846	0.0285
LV	1.8871	0.5508	1.2272	0.0787	0.7108	0.0435	1.0323	0.0751	0.8660	0.0693	1.5729	0.0798
RN	2.2304	0.3106	1.1843	0.0297	0.7261	0.0159	0.8167	0.0253	0.6416	0.0304	1.6414	0.0448
CE	0.3470	0.4731	0.0348	0.0444	-0.0814	0.0318	-0.5037	0.0376	-0.2641	0.0316	0.2949	0.0490
HY	0.3073	0.3791	-0.1699	0.0362	-0.3986	0.0280	-0.2861	0.0250	-0.2003	0.0612	0.0462	0.0641
CV	1.3402	0.1349	0.5437	0.0133	0.0804	0.0092	0.2520	0.0093	0.6250	0.0174	0.9847	0.0193
PH1	1.6812	0.1924	0.8796	0.0162	0.6334	0.0106	0.4255	0.0132	0.5445	0.0190	1.0584	0.0288
PH2	2.9031	0.4044	1.4401	0.0306	0.9506	0.0165	0.8011	0.0285	0.7757	0.0346	1.4467	0.0623
PH3M			2.0347	0.0535	1.1726	0.0231	1.1723	0.0571	1.0184	0.0616	2.1872	0.1133
PU1	0.9758	0.1835	0.4561	0.0188	0.3210	0.0128	0.3565	0.0153	0.3166	0.0200	0.4935	0.0279
PU2	1.1076	0.4287	0.8606	0.0392	0.5318	0.0270	0.6332	0.0372	0.4251	0.0382	0.9696	0.0545
PU3M	1.5589	0.6383	1.1950	0.0658	0.6545	0.0489	0.9770	0.0669	0.6245	0.0574	1.4334	0.0845
TRIN	1.3584	0.8502	0.6728	0.0247	0.4610	0.0362	-0.4480	0.0235	0.3256	0.1310	0.8660	0.0862
PL1	-0.3050	0.2295	0.1905	0.0159	0.1086	0.0133	0.1103	0.0139	0.0448	0.0232	0.0407	0.0270
PL2	0.6264	0.4710	0.2546	0.0299	0.1217	0.0300	0.1501	0.0323	0.0580	0.0568	0.0861	0.0616
PL3M			0.4261	0.0480	0.2047	0.0572	0.3722	0.0619	-0.1159	0.1335	-0.0071	0.1383
TOTAL NUM.	61,870		818,849		311,444		246,665		105,282		585,696	
DEATHS	273		27,786		70,762		94,172		26,485		13,186	
MODEL CHI-SQ	667		21,104		19,097		14,457		14,966		18,616	

Table 2.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.6009	0.1260	-4.7164	0.2568	-2.2654	0.1841	-1.4983	0.4342	-3.5263	0.0652
RAG	-1.1518	0.2161	2.4880	0.4744	-0.2282	0.3274	-1.3583	0.7978	-2.4574	0.1146
RAGSQ	1.7081	0.0927	0.5723	0.2186	0.9669	0.1465	1.4598	0.3676	2.4350	0.0507
SEX	-0.3345	0.0086	-0.1322	0.0252	-0.1198	0.0162	-0.2443	0.0435	-0.2930	0.0052
DI	0.1040	0.0182	0.1180	0.0406	-0.0070	0.0271	-0.0629	0.1099	0.1689	0.0104
OP	-0.3019	0.0103	0.2304	0.0498	-0.0529	0.0308	-0.2491	0.0836	0.2396	0.0074
CA	1.0701	0.0137	0.9455	0.0430	0.7369	0.0237	0.8208	0.1094	1.1744	0.0070
LV	0.6490	0.0482	1.2631	0.1042	0.9764	0.0597	1.1583	0.2114	1.4285	0.0192
RN	0.8493	0.0215	-0.0693	0.0369	0.7499	0.0313	1.1097	0.1679	1.0659	0.0115
CE	0.0284	0.0187	-0.0107	0.0758	-0.3244	0.0425	-0.4878	0.1103	0.0186	0.0146
HY	-0.2986	0.0327	-0.3446	0.0479	-0.3185	0.0673	-0.1716	0.1790	-0.2222	0.0186
CV	0.3876	0.0086	0.6419	0.0259	0.5171	0.0175	0.5752	0.0469	0.6601	0.0053
PH1	0.6818	0.0105	0.3766	0.0300	0.5626	0.0199	0.1086	0.0694	0.9182	0.0069
PH2	0.9608	0.0192	0.6510	0.0520	0.7310	0.0368	0.3808	0.1633	1.3266	0.0137
PH3M	1.2271	0.0338	1.0370	0.0839	0.9597	0.0658	0.9237	0.3318	1.6233	0.0251
PU1	0.5299	0.0114	0.3242	0.0317	0.4128	0.0199	0.2128	0.0718	0.4829	0.0064
PU2	0.8180	0.0227	0.4157	0.0577	0.6202	0.0363	0.4006	0.1684	0.7516	0.0109
PU3M	1.0552	0.0378	0.7940	0.0869	0.7960	0.0558	0.8103	0.3126	0.7356	0.0146
TRIN	0.1327	0.0419	0.1808	0.0533	0.4457	0.0721	-0.1722	0.1057	0.4225	0.0173
PL1	0.2341	0.0135	0.1925	0.0355	0.1490	0.0235	-0.0263	0.0720	0.1152	0.0078
PL2	0.2659	0.0337	0.3193	0.0797	0.2329	0.0566	-0.2338	0.1915	0.1074	0.0187
PL3M	0.2878	0.0754	0.4619	0.1810	0.2501	0.1322	0.2520	0.3722	0.0855	0.0407
TOTAL NUM.	339,986		33,325		77,856		11,777		2,200,419	
DEATHS	87,977		12,531		27,664		3,306		187,048	
MODEL CHI-SQ	38,547		6,125		6,964		621		144,234	

Table 3

1986
Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 3.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	CA		CE		EY		GC		GI		GU	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-0.6935	0.1711	1.2702	0.2119	-5.0334	0.2787	-2.4782	0.2041	-4.6046	0.2977	-4.9166	0.4960
RAG	-2.0718	0.3060	-6.6604	0.3596	-2.0634	0.5218	-0.1881	0.3780	-3.7139	0.5078	-5.3277	0.8391
RAGSQ	1.5499	0.1373	3.7428	0.1522	2.4025	0.2450	1.1097	0.1769	3.4668	0.2170	4.5152	0.3568
SEX	-0.2593	0.0092	-0.0565	0.0099	-0.6174	0.0289	-0.1210	0.0201	-0.0971	0.0185	0.4567	0.0341
DI	-0.0272	0.0262	0.0901	0.0168	0.1705	0.0602	-0.1277	0.0430	0.3501	0.0402	0.3537	0.0657
OP	-0.1000	0.0144	0.1143	0.0191	0.3318	0.0449	0.0242	0.0366	0.2072	0.0296	0.3862	0.0496
CA	0.5851	0.0092	0.8364	0.0258	1.8688	0.0467	1.0402	0.0349	1.5772	0.0309	1.3949	0.0443
LV	1.2564	0.0407	0.9586	0.0740	1.1024	0.0990	0.8965	0.0259	1.2942	0.0551	1.4362	0.1772
RN	1.0298	0.0361	0.9586	0.0318	1.5581	0.0702	0.6505	0.0412	1.6787	0.0420	1.4506	0.0577
CE	-0.0221	0.0400	-0.6970	0.0305	0.3764	0.0591	-0.4242	0.0824	0.0921	0.0657	0.4479	0.0916
HY	-0.3215	0.0467	-0.0427	0.0218	-0.1194	0.1018	-0.1737	0.0736	-0.1337	0.0618	-0.0633	0.1163
CV	0.3175	0.0118	0.3192	0.0097	0.7138	0.0305	0.5685	0.0226	0.7724	0.0188	0.8915	0.0318
PH1	0.8905	0.0108	0.4851	0.0147	1.1647	0.0401	0.5078	0.0264	1.0110	0.0263	1.0662	0.0423
PH2	1.3003	0.0186	0.8945	0.0343	1.5354	0.0800	0.5598	0.0463	1.4630	0.0545	1.6150	0.0845
PH3M	1.5546	0.0307	1.2319	0.0715	2.1298	0.1384	0.7163	0.0638	1.9491	0.0945	1.9744	0.1628
PU1	0.4014	0.0125	0.3670	0.0161	0.5563	0.0395	0.2703	0.0267	0.5007	0.0252	0.7208	0.0389
PU2	0.7303	0.0237	0.6878	0.0381	1.0727	0.0727	0.4299	0.0509	0.8482	0.0498	1.0602	0.0766
PU3M	0.7999	0.0287	0.9325	0.0753	1.3039	0.1118	0.4267	0.0799	1.2691	0.0786	1.5561	0.1256
TRIN	-0.2505	0.0292	-0.1440	0.0353	0.6729	0.1012	0.3272	0.0622	0.6357	0.0736	0.2013	0.1316
PL1	0.1639	0.0158	0.1246	0.0157	0.1131	0.0377	0.1974	0.0297	0.2120	0.0248	0.2379	0.0404
PL2	0.2254	0.0418	0.2646	0.0388	0.1614	0.0778	0.3439	0.0705	0.2968	0.0537	0.4307	0.0839
PL3M	0.1770	0.0989	0.2803	0.0871	-0.1251	0.1570	0.3168	0.1550	0.4594	0.0995	0.4725	0.1783
TOTAL NUM	222,229		238,401		270,607		52,534		461,326		271,619	
DEATHS	93,522		64,594		5,542		18,040		13,703		4,922	
MODEL CHISQ	25,026		12,188		7,273		5,175		16,023		8,032	

Table 3.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986 10

CONDITIONS	GY		HL		HM		HS		ME		OP	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-6.0902	1.4498	-3.4160	0.2212	-1.6133	0.1692	-0.5198	0.1701	-2.5712	0.2549	-3.7309	0.2242
RAG	-5.5378	2.5669	-4.2268	0.3845	-2.4500	0.2892	-3.1937	0.2987	-1.1829	0.4326	-5.0932	0.3922
RAGSQ	4.7783	1.1535	3.1875	0.1673	2.0516	0.1233	2.5477	0.1310	1.5576	0.1840	3.9324	0.1723
SEX			-0.3070	0.0130	-0.2495	0.0092	-0.0478	0.0087	-0.4780	0.0163	-0.4855	0.0193
DI	0.1866	0.3101	0.2941	0.0250	-0.0197	0.0160	0.1450	0.0158	0.0318	0.0342	0.3539	0.0365
OP	0.5395	0.2405	0.1872	0.0207	0.0077	0.0120	-0.1629	0.0144	0.0252	0.0287	0.3840	0.0315
CA	2.2193	0.1759	1.4997	0.0255	0.8415	0.0212	0.6057	0.0259	1.6491	0.0208	1.9165	0.0288
LV	1.6894	0.6300	1.1551	0.0807	0.8547	0.0438	1.1809	0.0751	0.9253	0.0716	1.5156	0.0806
RN	2.6680	0.2904	1.2739	0.0302	0.7806	0.0164	0.8464	0.0253	0.6618	0.0312	1.6090	0.0468
CE	0.9116	0.3657	0.0700	0.0454	-0.1465	0.0332	-0.4865	0.0385	-0.2090	0.0328	0.2731	0.0516
HY	-0.5363	0.5140	-0.1274	0.0348	-0.3400	0.0270	-0.3097	0.0243	-0.2524	0.0613	0.0238	0.0638
CV	1.3407	0.1327	0.5839	0.0133	0.1184	0.0092	0.2506	0.0090	0.6640	0.0177	1.0189	0.0195
PH1	1.0216	0.2113	0.9189	0.0161	0.6290	0.0106	0.4733	0.0130	0.5411	0.0194	0.9992	0.0292
PH2	1.6429	0.5046	1.4469	0.0310	0.9750	0.0166	0.8402	0.0282	0.8648	0.0347	1.5330	0.0602
PH3M			1.9382	0.0537	1.2485	0.0234	1.2165	0.0565	0.9935	0.0616	2.0814	0.1047
PU1	1.1173	0.1706	0.4277	0.0188	0.3470	0.0128	0.3501	0.0151	0.3306	0.0202	0.5565	0.0273
PU2	2.1093	0.2979	0.8318	0.0382	0.5611	0.0267	0.6626	0.0353	0.5036	0.0384	0.9047	0.0549
PU3M	2.2081	0.6138	0.9628	0.0702	0.7711	0.0481	0.9840	0.0650	0.6713	0.0572	1.3180	0.0858
TRIN	0.9013	0.7009	0.7265	0.0258	0.5468	0.0377	-0.3246	0.0243	0.2211	0.1395	0.7031	0.0868
PL1	0.4276	0.1768	0.1796	0.0160	0.1214	0.0133	0.1137	0.0136	0.0428	0.0233	0.0564	0.0266
PL2	0.9956	0.3936	0.2855	0.0294	0.1428	0.0298	0.2299	0.0313	0.0182	0.0546	0.1999	0.0587
PL3M	0.2168	1.1080	0.4296	0.0471	0.1918	0.0573	0.2938	0.0630	-0.2231	0.1276	0.3776	0.1113
TOTAL NUM	60,709		806,069		306,819		252,802		106,268		598,973	
DEATHS	292		27,612		71,429		98,629		25,226		12,993	
MODEL CHISQ	742		21,313		20,525		15,388		15,173		18,431	

Table 3.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

CONDITIONS	PN		RN		SE		TR		UN	
VARIABLES	EST	SE	EST	SE	EST	SE	EST	SE	EST	SE
INTERCEPT	-2.4297	0.1257	-5.3676	0.2513	-1.9628	0.1900	-1.2194	0.4088	-3.6987	0.0657
RAG	-1.6417	0.2157	4.0378	0.4657	-0.8787	0.3385	-1.6280	0.7616	-2.1326	0.1156
RAGSQ	1.9832	0.0927	-0.1729	0.2153	1.3268	0.1517	1.5136	0.3558	2.3068	0.0511
SEX	-0.3399	0.0087	-0.1521	0.0249	-0.1357	0.0166	-0.2379	0.0439	-0.3210	0.0051
DI	0.0955	0.0189	0.1173	0.0406	-0.0102	0.0289	0.1980	0.1100	0.1557	0.0107
OP	-0.3001	0.0106	0.1944	0.0515	-0.0513	0.0332	-0.3725	0.0878	0.2494	0.0076
CA	1.0634	0.0142	1.0241	0.0434	0.7422	0.0249	1.1083	0.1114	1.1908	0.0069
LV	0.8483	0.0480	1.5236	0.1083	0.9560	0.0634	1.1229	0.2031	1.4421	0.0190
RN	0.9741	0.0217	-0.0975	0.0366	0.8834	0.0323	1.1905	0.1593	1.0938	0.0116
CE	0.0463	0.0197	-0.1517	0.0812	-0.2689	0.0439	-0.9687	0.1333	0.0093	0.0150
HY	-0.3062	0.0315	-0.4059	0.0461	-0.3765	0.0692	-0.5217	0.1900	-0.2185	0.0183
CV	0.3822	0.0087	0.6109	0.0257	0.5128	0.0183	0.5865	0.0477	0.6784	0.0053
PH1	0.7077	0.0107	0.3839	0.0296	0.5894	0.0203	0.0373	0.0718	0.8865	0.0069
PH2	1.0172	0.0193	0.6771	0.0504	0.7663	0.0367	0.4404	0.1499	1.3351	0.0135
PH3M	1.2355	0.0334	0.8575	0.0795	1.0428	0.0657	0.7899	0.3126	1.6613	0.0244
PU1	0.5472	0.0115	0.3206	0.0310	0.3753	0.0205	0.1126	0.0720	0.4908	0.0063
PU2	0.8525	0.0231	0.6637	0.0561	0.6278	0.0369	0.2373	0.1725	0.8060	0.0106
PU3M	1.0659	0.0374	0.7923	0.0922	0.8401	0.0550	0.8693	0.2744	0.8532	0.0140
TRIN	0.1941	0.0435	0.1664	0.0511	0.4250	0.0740	-0.1804	0.1057	0.4715	0.0173
PL1	0.2260	0.0135	0.1230	0.0347	0.1273	0.0238	-0.0378	0.0724	0.1093	0.0077
PL2	0.1862	0.0334	0.4177	0.0799	0.2285	0.0558	0.3079	0.1735	0.1382	0.0181
PL3M	0.3574	0.0720	0.6154	0.1578	0.4217	0.1292	-0.6078	0.4822	0.0787	0.0385
TOTAL NUM	338,897		34,173		73,283		11,730		2,229,542	
DEATHS	86,566		13,299		26,783		3,326		190,843	
MODEL CHISQ	40,378		6,793		7,093		688		150,640	

Table 4

Comparison
of 1986 and 1987
Parameter Estimates

Table 4.1

Diagnostic Category: Cancer(CA)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-0.694	-0.959
RAG	1.134	-2.072	-1.633
RAGSQ	1.286	1.550	1.350
SEX	0.487	-0.259	-0.240
DI	0.034	-0.027	-0.102
OP	0.126	-0.100	-0.056
CA	0.485	0.585	0.577
LV	0.014	1.256	1.357
RN	0.018	1.030	1.047
CE	0.014	-0.022	-0.063
HY	0.010	-0.321	-0.368
CV	0.191	0.318	0.352
PH1	0.221	0.890	0.905
PH2	0.060	1.300	1.311
PH3M	0.021	1.555	1.559
PU1	0.150	0.401	0.422
PU2	0.038	0.730	0.672
PU3M	0.260	0.800	0.800
TRIN	0.025	-0.251	-0.263
PL1	0.087	0.164	0.157
PL2	0.011	0.225	0.177
PL3M	0.002	0.177	0.127
TOTAL CASES		222,229	216,565
DEATHS		93,522	89,692
Mortality	Average Case	45.1%	44.9%
	Observed	42.1%	41.4%
Interhospital Variance		0.00137	0.00130
MODEL CHISQ		25,026	23,809

Table 4.2

Diagnostic Category: CEREBROVASCULAR ACCIDENTS(CE)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	1.270	1.200
RAG	1.192	-6.660	-6.615
RAGSQ	1.422	3.743	3.712
SEX	0.582	-0.057	-0.048
DI	0.093	0.090	0.102
OP	0.070	0.114	0.128
CA	0.300	0.836	0.810
LV	0.003	0.959	0.967
RN	0.019	0.959	0.880
CE	0.038	-0.697	-0.628
HY	0.048	-0.043	-0.078
CV	0.382	0.319	0.353
PH1	0.107	0.485	0.467
PH2	0.015	0.895	0.840
PH3M	0.003	1.232	1.220
PU1	0.081	0.367	0.381
PU2	0.011	0.688	0.659
PU3M	0.003	0.932	0.708
TRIN	0.018	-0.144	-0.047
PL1	0.093	0.125	0.121
PL2	0.012	0.265	0.176
PL3M	0.002	0.280	0.363
TOTAL CASES		238,401	240,896
DEATHS		64,594	63,407
Mortality	Average Case	29.3%	28.3%
	Observed	27.1%	26.3%
Interhospital Variance		0.00044	0.00039
MODEL CHISQ		12,188	11,842

Table 4.3

Diagnostic Category: NEUROPSYCHIATRIC/SENSORY(EY)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.033	-5.281
RAG	1.069	-2.063	-1.561
RAGSQ	1.143	2.402	2.230
SEX	0.580	-0.617	-0.575
DI	0.052	0.171	0.176
OP	0.074	0.332	0.356
CA	0.020	1.869	1.933
LV	0.011	1.102	0.890
RN	0.011	1.558	1.616
CE	0.052	0.376	0.207
HY	0.017	-0.119	-0.042
CV	0.177	0.714	0.680
PH1	0.042	1.165	1.017
PH2	0.006	1.535	1.696
PH3M	0.001	2.130	1.933
PU1	0.081	0.556	0.542
PU2	0.012	1.073	0.950
PU3M	0.004	1.304	1.473
TRIN	0.008	0.673	0.517
PL1	0.146	0.113	0.146
PL2	0.029	0.161	0.141
PL3M	0.009	-0.125	0.070
TOTAL CASES		270,607	245,185
DEATHS		5,542	5,633
Mortality	Average Case	1.14%	1.27%
	Observed	2.05%	2.30%
Interhospital Variance		0.00005	0.00006
MODEL CHISQ		7,273	7,524

Table 4.4

Diagnostic Category: GASTROINTESTINAL CATASTROPHES(GC)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.478	-2.309
RAG	1.124	-0.188	-0.470
RAGSQ	1.263	1.110	1.233
SEX	0.544	-0.121	-0.118
DI	0.061	-0.128	-0.164
OP	0.081	0.024	0.005
CA	0.083	1.040	1.067
LV	0.175	0.896	0.909
RN	0.062	0.651	0.680
CE	0.017	-0.424	-0.507
HY	0.019	-0.174	-0.304
CV	0.249	0.568	0.571
PH1	0.154	0.508	0.443
PH2	0.043	0.560	0.591
PH3M	0.02	0.716	0.575
PU1	0.155	0.270	0.292
PU2	0.034	0.430	0.490
PU3M	0.013	0.427	0.520
TRIN	0.022	0.327	0.313
PL1	0.112	0.197	0.143
PL2	0.017	0.344	0.174
PL3M	0.003	0.317	0.145
TOTAL CASES		52,534	52,907
DEATHS		18,040	18,329
Mortality	Average Case	32.5%	32.4%
	Observed	34.3%	34.6%
Interhospital Variance		0.00232	0.00229
MODEL CHISQ		5,175	5,215

Table 4.5

Diagnostic Category: GASTROINTESTINAL DISEASE(GI)

		Coefficients	
Names	1987 Average Case	1986	1987
INTERCEPT	1	-4.605	-3.563
RAG	1.127	-3.714	-5.535
RAGSQ	1.270	3.467	4.257
SEX	0.558	-0.097	-0.124
DI	0.045	0.350	0.268
OP	0.093	0.207	0.246
CA	0.026	1.577	1.640
LV	0.013	1.294	1.373
RN	0.013	1.679	1.490
CE	0.016	0.092	0.097
HY	0.021	-0.134	-0.148
CV	0.228	0.772	0.771
PH1	0.046	1.011	1.007
PH2	0.006	1.463	1.458
PH3M	0.001	1.949	1.872
PU1	0.087	0.501	0.526
PU2	0.013	0.848	0.999
PU3M	0.003	1.269	1.067
TRIN	0.006	0.636	0.670
PL1	0.117	0.212	0.218
PL2	0.018	0.297	0.380
PL3M	0.004	0.459	0.297
TOTAL CASES		461,326	451,765
DEATHS		13,703	13,776
Mortality	Average Case	1.8%	1.8%
	Observed	3.0%	3.0%
Interhospital Variance		0.00004	0.00004
MODEL CHISQ		16,023	16,232

Table 4.6

Diagnostic Category: UROLOGIC DISEASE(GU)			
VARIABLES		**Coefficients**	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-4.917	-4.723
RAG	1.120	-5.328	-5.528
RAGSQ	1.254	4.515	4.469
SEX	0.157	0.457	0.593
DI	0.039	0.354	0.454
OP	0.080	0.386	0.149
CA	0.038	1.395	1.430
LV	0.002	1.436	1.422
RN	0.017	1.451	1.473
CE	0.013	0.448	0.586
HY	0.015	-0.063	-0.012
CV	0.175	0.892	0.933
PH1	0.040	1.066	1.152
PH2	0.005	1.615	1.599
PH3M	0.000	1.974	0.000
PU1	0.078	0.721	0.636
PU2	0.011	1.060	1.087
PU3M	0.003	1.556	1.589
TRIN	0.006	0.201	0.646
PL1	0.119	0.238	0.165
PL2	0.017	0.431	0.491
PL3M	0.004	0.473	0.834
TOTAL CASES		**271,619**	**277,784**
DEATHS		**4,922**	**4,634**
Mortality	**Average Case**	**0.9%**	**0.8%**
	Observed	**1.8%**	**1.7%**
Interhospital Variance		**0.00006**	**0.00005**
MODEL CHISQ		**8,032**	**7,689**

Table 4.7

Diagnostic Category: GYNECOLOGIC DISEASE(GY)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-6.090	-9.179
RAG	1.091	-5.538	
RAGSQ	1.190	4.778	2.312
SEX	1		
DI	0.025	0.187	0.984
OP	0.038	0.540	0.132
CA	0.012	2.219	2.184
LV	0.002	1.689	1.887
RN	0.005	2.668	2.230
CE	0.009	0.912	0.347
HY	0.012	-0.536	0.307
CV	0.096	1.341	1.340
PH1	0.012	1.022	1.681
PH2	0.001	1.643	2.903
PH3M	0		
PU1	0.037	1.117	0.976
PU2	0.004	2.109	1.108
PU3M	0.001	2.208	1.559
TRIN	0.001	0.901	1.358
PL1	0.062	0.428	-0.305
PL2	0.006	0.996	0.626
PL3M	0	0.217	
TOTAL CASES		60,709	61,870
DEATHS		292	273
Mortality	Average Case	0.2%	0.2%
	Observed	0.5%	0.4%
Interhospital Variance		0.00003	0.00003
MODEL CHISQ		742	667

Table 4.8

Diagnostic Category: LOW-RISK HEART DISEASE(HL)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.416	-3.165
RAG	1.132	-4.227	-4.678
RAGSQ	1.281	3.188	3.381
SEX	0.550	-0.307	-0.298
DI	0.061	0.294	0.299
OP	0.093	0.187	0.200
CA	0.020	1.500	1.509
LV	0.003	1.155	1.227
RN	0.016	1.274	1.184
CE	0.019	0.070	0.035
HY	0.038	-0.127	-0.170
CV	0.517	0.584	0.544
PH1	0.090	0.919	0.880
PH2	0.012	1.447	1.440
PH3M	0.003	1.938	2.035
PU1	0.078	0.428	0.456
PU2	0.011	0.832	0.861
PU3M	0.003	0.963	1.195
TRIN	0.036	0.726	0.673
PL1	0.171	0.180	0.190
PL2	0.035	0.286	0.255
PL3M	0.011	0.430	0.426
TOTAL CASES		806,069	818,849
DEATHS		27,612	27,786
Mortality	Average Case	2.5%	2.4%
	Observed	3.4%	3.4%
Interhospital Variance		0.00002	0.00002
MODEL CHISQ		21,313	21,104

Table 4.9

Diagnostic Category: SEVERE CHRONIC HEART DISEASE (HM)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.613	-1.958
RAG	1.187	-2.450	-1.776
RAGSQ	1.409	2.052	1.735
SEX	0.551	-0.249	-0.237
DI	0.102	-0.020	-0.047
OP	0.187	0.008	0.003
CA	0.034	0.841	0.803
LV	0.008	0.855	0.711
RN	0.066	0.781	0.726
CE	0.020	-0.146	-0.081
HY	0.033	-0.340	-0.399
CV	0.594	0.118	0.080
PH1	0.202	0.629	0.633
PH2	0.061	0.975	0.951
PH3M	0.028	1.249	1.173
PU1	0.121	0.347	0.321
PU2	0.022	0.561	0.532
PU3M	0.006	0.771	0.654
TRIN	0.011	0.547	0.461
PL1	0.118	0.121	0.109
PL2	0.021	0.143	0.122
PL3M	0.005	0.192	0.205
TOTAL CASES		306,819	311,444
DEATHS		71,429	70,762
Mortality	Average Case	21.1%	20.6%
	Observed	23.3%	22.7%
Interhospital Variance		0.00037	0.00032
MODEL CHISQ		20,525	19,097

Table 4.10

Diagnostic Category: SEVERE ACUTE HEART DISEASE(HS)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-0.520	-0.386
RAG	1.156	-3.194	-3.497
RAGSQ	1.336	2.548	2.678
SEX	0.482	-0.048	-0.038
DI	0.083	0.145	0.174
OP	0.108	-0.163	-0.153
CA	0.028	0.606	0.556
LV	0.003	1.181	1.032
RN	0.029	0.846	0.817
CE	0.015	-0.486	-0.504
HY	0.033	-0.310	-0.286
CV	0.675	0.251	0.252
PH1	0.137	0.473	0.426
PH2	0.023	0.840	0.801
PH3M	0.006	1.217	1.172
PU1	0.083	0.350	0.357
PU2	0.013	0.663	0.633
PU3M	0.004	0.984	0.977
TRIN	0.043	-0.325	-0.448
PL1	0.105	0.114	0.110
PL2	0.017	0.230	0.150
PL3M	0.005	0.294	0.372
TOTAL CASES		252,802	246,665
DEATHS		98,629	94,172
Mortality	Average Case	37.7%	36.5%
	Observed	39.0%	38.2%
Interhospital Variance		0.00062	0.00067
MODEL CHISQ		15,388	14,457

Table 4.11

Diagnostic Category: METABOLIC/ELECTROLYTE DISORDERS(ME)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.571	-3.205
RAG	1.209	-1.183	0.267
RAGSQ	1.462	1.558	0.835
SEX	0.639	-0.478	-0.430
DI	0.067	0.032	-0.080
OP	0.088	0.025	0.024
CA	0.164	1.649	1.617
LV	0.010	0.925	0.866
RN	0.057	0.662	0.642
CE	0.082	-0.209	-0.264
HY	0.019	-0.252	-0.200
CV	0.249	0.664	0.625
PH1	0.176	0.541	0.544
PH2	0.040	0.865	0.776
PH3M	0.012	0.993	1.018
PU1	0.165	0.331	0.317
PU2	0.036	0.504	0.425
PU3M	0.015	0.671	0.624
TRIN	0.003	0.221	0.326
PL1	0.124	0.043	0.045
PL2	0.019	0.018	0.058
PL3M	0.004	-0.223	-0.116
TOTAL CASES		106,268	105,282
DEATHS		25,226	26,485
Mortality	Average Case	20.8%	21.8%
	Observed	23.7%	25.2%
Interhospital Variance		0.00206	0.00216
MODEL CHISQ		15,173	14,966

Table 4.12

Diagnostic Category: MUSCULOSKELETAL/SKIN CONDITIONS(OP)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.731	-3.313
RAG	1.121	-5.093	-5.814
RAGSQ	1.257	3.932	4.244
SEX	0.666	-0.485	-0.469
DI	0.059	0.354	0.366
OP	0.066	0.384	0.463
CA	0.024	1.916	1.885
LV	0.004	1.516	1.573
RN	0.010	1.609	1.641
CE	0.023	0.273	0.295
HY	0.017	0.024	0.046
CV	0.170	1.019	0.985
PH1	0.031	0.999	1.058
PH2	0.004	1.533	1.447
PH3M	0.001	2.081	2.187
PU1	0.066	0.557	0.494
PU2	0.009	0.905	0.970
PU3M	0.003	1.318	1.433
TRIN	0.004	0.703	0.866
PL1	0.123	0.056	0.041
PL2	0.018	0.200	0.086
PL3M	0.004	0.378	-0.007
TOTAL CASES		598,973	585,696
DEATHS		12,993	13,186
Mortality	Average Case	1.2%	1.2%
	Observed	2.2%	2.3%
Interhospital Variance		0.00003	0.00004
MODEL CHISQ		18,431	18,616

Table 4.13

Diagnostic Category: PULMONARY DISEASE (PN)			
VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-2.430	-2.601
RAG	1.191	-1.642	-1.152
RAGSQ	1.418	1.983	1.708
SEX	0.509	-0.340	-0.335
DI	0.055	0.096	0.104
OP	0.261	-0.300	-0.302
CA	0.084	1.063	1.070
LV	0.007	0.848	0.649
RN	0.031	0.974	0.849
CE	0.051	0.046	0.028
HY	0.020	-0.306	-0.299
CV	0.386	0.382	0.388
PH1	0.162	0.708	0.682
PH2	0.038	1.017	0.961
PH3M	0.012	1.235	1.227
PU1	0.134	0.547	0.530
PU2	0.028	0.852	0.818
PU3M	0.010	1.066	1.055
TRIN	0.008	0.194	0.133
PL1	0.095	0.226	0.234
PL2	0.014	0.186	0.266
PL3M	0.003	0.357	0.288
TOTAL CASES		338,897	339,986
DEATHS		86,566	87,977
Mortality	Average Case	22.3%	22.6%
	Observed	25.5%	25.9%
Interhospital Variance		0.00078	0.00072
MODEL CHISQ		40,378	38,547

Table 4.14

Diagnostic Category: **RENAL FAILURE(RN)**

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-5.368	-4.716
RAG	1.112	4.038	2.488
RAGSQ	1.237	-0.173	0.572
SEX	0.493	-0.152	-0.132
DI	0.117	0.117	0.118
OP	0.061	0.194	0.230
CA	0.087	1.024	0.946
LV	0.014	1.524	1.263
RN	0.137	-0.097	-0.069
CE	0.026	-0.152	-0.011
HY	0.088	-0.406	-0.345
CV	0.349	0.611	0.642
PH1	0.224	0.384	0.377
PH2	0.058	0.677	0.651
PH3M	0.022	0.857	1.037
PU1	0.189	0.321	0.324
PU2	0.049	0.664	0.416
PU3M	0.021	0.792	0.794
TRIN	0.054	0.166	0.181
PL1	0.135	0.123	0.192
PL2	0.023	0.418	0.319
PL3M	0.004	0.615	0.462
TOTAL CASES		34,173	33,325
DEATHS		13,299	12,531
Mortality	Average Case	35.9%	33.0%
	Observed	38.9%	37.6%
Interhospital Variance		0.01353	0.01217
MODEL CHISQ		6,793	6,125

Table 4.15

Diagnostic Category: INFECTIOUS DISEASE(SE)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-1.963	-2.265
RAG	1.185	-0.879	-0.228
RAGSQ	1.404	1.327	0.967
SEX	0.578	-0.136	-0.120
DI	0.098	-0.010	-0.007
OP	0.073	-0.051	-0.053
CA	0.128	0.742	0.737
LV	0.016	0.956	0.976
RN	0.065	0.883	0.750
CE	0.041	-0.269	-0.324
HY	0.016	-0.376	-0.318
CV	0.267	0.513	0.517
PH1	0.184	0.589	0.563
PH2	0.045	0.766	0.731
PH3M	0.014	1.043	0.960
PU1	0.183	0.375	0.413
PU2	0.046	0.628	0.620
PU3M	0.019	0.840	0.796
TRIN	0.011	0.425	0.446
PL1	0.124	0.127	0.149
PL2	0.019	0.229	0.233
PL3M	0.003	0.422	0.250
TOTAL CASES		73,283	77,856
DEATHS		26,783	27,664
Mortality	Average Case	34.5%	33.7%
	Observed	36.5%	35.5%
Interhospital Variance		0.00195	0.00168
MODEL CHISQ		7,093	6,964

Table 4.16

Diagnostic Category: **SEVERE TRAUMA(TR)**			
VARIABLES		Coefficients	
		1986	**1987**
Names	1987 Average Case		
INTERCEPT	1	-1.219	-1.498
RAG	1.161	-1.628	-1.358
RAGSQ	1.348	1.514	1.460
SEX	0.479	-0.238	-0.244
DI	0.039	0.198	-0.063
OP	0.075	-0.372	-0.249
CA	0.033	1.108	0.821
LV	0.008	1.123	1.158
RN	0.013	1.190	1.110
CE	0.048	-0.969	-0.488
HY	0.015	-0.522	-0.172
CV	0.246	0.586	0.575
PH1	0.119	0.037	0.109
PH2	0.015	0.440	0.381
PH3M	0.003	0.790	0.924
PU1	0.092	0.113	0.213
PU2	0.014	0.237	0.401
PU3M	0.004	0.869	0.810
TRIN	0.051	-0.180	-0.172
PL1	0.096	-0.038	-0.026
PL2	0.013	0.308	-0.234
PL3M	0.003	-0.608	0.252
TOTAL CASES		**11,730**	**11,777**
DEATHS		**3,326**	**3,306**
Mortality	**Average Case**	**26.3%**	**26.1%**
	Observed	**28.4%**	**28.1%**
Interhospital Variance		**0.00348**	**0.00303**
MODEL CHISQ		**688**	**621**

Table 4.17

Diagnostic Category: ALL OTHER DISEASES (UN)

VARIABLES		Coefficients	
		1986	1987
Names	1987 Average Case		
INTERCEPT	1	-3.699	-3.526
RAG	1.136	-2.133	-2.457
RAGSQ	1.290	2.307	2.435
SEX	0.581	-0.321	-0.293
DI	0.061	0.156	0.169
OP	0.122	0.249	0.240
CA	0.086	1.191	1.174
LV	0.008	1.442	1.429
RN	0.028	1.094	1.066
CE	0.032	0.009	0.019
HY	0.022	-0.219	-0.222
CV	0.275	0.678	0.660
PH1	0.081	0.886	0.918
PH2	0.014	1.335	1.327
PH3M	0.004	1.661	1.623
PU1	0.148	0.491	0.483
PU2	0.034	0.806	0.752
PU3M	0.018	0.853	0.736
TRIN	0.012	0.472	0.423
PL1	0.104	0.109	0.115
PL2	0.016	0.138	0.107
PL3M	0.003	0.079	0.086
TOTAL CASES		2,229,542	2,200,419
DEATHS		190,843	187,048
Mortality	Average Case	6.1%	6.0%
	Observed	8.6%	8.5%
Interhospital Variance		0.00008	0.00007
MODEL CHISQ		150,640	144,234

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